

62

1959

FINE SELECTED STRAINS



Asgrow Resistant

Valentine

for

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U. S. Department of Agriculture

MARKET GARDENERS & FLORISTS

LEATHERMAN

Seed Company

Office and Retail Store, 501 McKinley Ave. N. W.
(Send all mail to this address)

CANTON 2, OHIO
Phone GL 2-4051



TRADE ORGANIZATIONS

... have helped lead the way to better seeds and better ethics in the whole seed trade. We are proud to be members of

The American
Seed Trade Association

The Ohio Seed Trade Association

The Ohio Pesticide Institute

The Ohio Seed Improvement Association

The Ohio Vegetable and Potato Growers Association

TERMS AND CONDITIONS OF SALE

All Prices Are Subject To Change

Terms and Discounts

We suggest cash with order except when regular credit has been established.

Cash discount on Vegetable and Flower Seed is 3%.

QUANTITY DISCOUNTS ON FLOWER SEEDS

Orders under \$5.00 — Net Cash

	Cash	Charge
\$ 5.00 to \$ 24.00	5%	3%
25.00 to 99.00	8%	6%
100.00 to 149.00	10%	8%
150.00 to 199.00	12%	10%
200.00 to 300.00	15%	13%

Charge accounts if paid in 10 days may deduct an additional 3%. Transportation is prepaid.

Special on Retail Packets. We allow a discount of 25% on Packets of Flowers and Vegetables from retail catalog.

When Ordering—State preference and proper address for mail, express, rail or motor truck.

Limited Warranty—Letherman's Inc., warrants to the extent of the purchase price that seeds or bulbs are as described on the container, within recognized tolerances. Seller gives no other or further warranty, expressed or implied.

Payment of Transportation—

Flower Seeds are all prepaid.

Small Vegetable Seed (that is all vegetable seed except Peas, Beans and Corn), are prepaid.

Peas, Beans and Sweet Corn. These catalog prices are F. O. B. CANTON—Not Prepaid. However ... if Peas, Beans and Corn are ordered with small seed and the dollar value of the small seed is equal to or more than the dollar value of Peas, Beans and Corn, we will pay transportation, up to third parcels post zone (300 miles from Canton).

Fertilizers, Insecticides and Accessories. These materials are all F. O. B. Canton.

VEGETABLE SEEDS

Our seeds are truly bred from parents that meet requirements 100%. Single plant selections are made each year and the seed you get is directly descended from these perfect plants.

Strong germination is provided for by proper harvesting, cleaning and grading operations. Four to five tests are made of each seed lot. Seed that satisfactorily passes those tests has the vitality to make good growth in your fields under fair conditions of temperature and moisture.

**A copy of "Asgrow Growers' Guide" is yours
for the asking.**

ASPARAGUS

Mary Washington. Rust resistant.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

California or Washington 500. An earlier larger more uniform strain. Spears are dark green.

oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.50, 10 lbs. @ \$3.40 lb.

BEANS

BEANS. Dwarf Green Pod

R. P. after the name signifies Round Pod.

Asgrow Stringless, Improved Tendergreen R. P. 50 days.
5 lbs. @ 35c, 10 lbs. @ 33c, 25 lbs. @ 31c, 100 lbs. @ 29c.

Resistant Asgrow Valentine. 50 days. Bred to replace Asgrow Stringless Black Valentine, retaining all the valuable characteristics of that variety plus resistance to common bean mosaic and the N. Y. variant strain of that virus. In trials it has also been found tolerant to powdery mildew compared with other snap beans.
5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Bountiful. 47 days. Most popular flat pod.
5 lbs. @ 33c, 10 lbs. @ 31c, 25 lbs. @ 29c, 100 lbs. @ 27c.

Burpee's Stringless R. P. 50 days.
5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Contender. Round-Oval Pods. 48 days. Extra heavy yielder, bred for resistance to mosaic and powdery mildew.
5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

Dwarf Horticultural, Improved Long Pod Strain. 56 days, a vigorous prolific type producing 6 in. pods.
5 lbs. @ 42c, 10 lbs. @ 40c, 25 lbs. @ 38c, 100 lbs. @ 36c.

Gardengreen R. P. All America Winner for 1959. Of established varieties, Gardengreen is nearest to Imp. Tendergreen. Pods 5-5½ in. long, round, quite straight, holding smooth over a long period, color bright dark green. Stringless and fiberless with excellent quality. Gardengreen is resistant to mosaic and tolerant to halo blight and root rot. A heavy yielder with pods carried well off the ground. In season with Topcrop—48 days.
5 lbs. @ 60c, 10 lbs. @ 58c, 25 lbs. @ 56c, 100 lbs. @ 54c.

Pearlgreen R. P. Cannot supply.

On all Beans—Less than 5 lbs. @ 5c per lb. advance.

Ranger, R. P. 56 days. A heavy yielding, disease resistant variety. Plant spreading with halfrunners, vigorous and very prolific. Beans may be used fresh, canned, frozen, or for dry beans. Seeds are white.
5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

Seminole R. P. 53 days. A very heavy yielder of round, almost straight pods of attractive deep green color, slightly longer than Tendergreen. Pods of good texture, appearance and flavor. Plants are mildew, mosaic and rust resistant.
5 lbs. @ 37c, 10 lbs. @ 35c, 25 lbs. @ 33c, 100 lbs. @ 31c.

Tendergreen, See Asgrow Stringless Green Pod.

Tenderlong No. 15, R. P. 50 days. Longer, slightly deeper green Tendergreen. No. 15 is mosaic and mildew resistant.
5 lbs. @ 34c, 10 lbs. @ 32c, 25 lbs. @ 30c, 100 lbs. @ 28c.

Topcrop, R. P. 48 days. Gives extra heavy yields of long, straight, handsome pods. Hardy, vigorous plants are resistant to bean mosaic, with concentrated pod set.
5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Topmost. R. P. 48 days. A new white seeded variety similar to and somewhat heavier yielding than Topcrop.
5 lbs. @ 52c, 10 lbs. @ 50c, 25 lbs. @ 48c, 100 lbs. @ 46c.

Wade Bush. R. P. 50 days. The plant is tall and vigorous, resistant to mosaic and some forms of mildew. The pods hold a fresh waxy appearance on the market for a longer period than other beans.
5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

BEANS. Dwarf Wax Pod

Choctaw. Oval pod. 48 days. A heavy bearing variety, heat tolerant. Has nearly straight, thick, oval, stringless pods.
5 lbs. @ 60c, 10 lbs. @ 58c, 25 lbs. @ 56c, 100 lbs. @ 54c.

Cherokee. 50 days. Oval pod. Called WaxBlack Valentine. Valuable for heavy yield and ability to hold its attractive appearance after picking.
5 lbs. @ 34c, 10 lbs. @ 32c, 25 lbs. @ 30c, 100 lbs. @ 28c.

Imp. Golden (Top Notch). 51 days. Oval Pods.
5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Pencil Pod Wax, R. P. 55 days.
5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Round Pod Kidney (Brittle), R. P. 53 days.
5 lbs. @ 43c, 10 lbs. @ 41c, 25 lbs. @ 39c, 100 lbs. @ 37c.

BEANS. Pole

Kentucky Wonder. 65 days. Long, nearly round pods.
5 lbs. @ 34c, 10 lbs. @ 32c, 25 lbs. @ 30c, 100 lbs. @ 28c.

London Horticultural Cranberry. 70 days.
5 lbs. @ 41c, 10 lbs. @ 39c, 25 lbs. @ 37c, 100 lbs. @ 35c.

McCaslan Pole. 65 days. Pods stringless and tender when young. Seeds white.
5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

U. S. No. 4 White Kentucky Wonder. Morse's 191. 65 days. White seeded, rust resistant and prolific. Pods 8 in. long, oval and smooth.
5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

BEANS. Bush Lima

Fordhook Regular. 75 days.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Fordhook 242. 75 days. Greater foliage and spread developed to provide better yields in dry spells.

5 lbs. @ 36c, 10 lbs. @ 34c, 25 lbs. @ 32c, 100 lbs. @ 30c.

Burpee's Improved. 75 days. Large flat seed.

5 lbs. @ 38c, 10 lbs. @ 36c, 25 lbs. @ 34c, 100 lbs. @ 32c.

Henderson's Baby Lima. 65 days.

5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

BEANS. Pole Limas

Challenger. 92 days. Fordhook. Seed large and thick.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

King of Garden. 88 days. Seed large, flat.

5 lbs. @ 40c, 10 lbs. @ 38c, 25 lbs. @ 36c, 100 lbs. @ 34c.

BEANS. Shell or Field

White Kidney.

5 lbs. @ 33c, 10 lbs. @ 31c, 25 lbs. @ 29c, 100 lbs. @ 27c.

Dark Red Kidney.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

White Marrow.

5 lbs. @ 30c, 10 lbs. @ 28c, 25 lbs. @ 26c, 100 lbs. @ 24c.

Michelite Pea or Navy. Best of the small pea Bean.

5 lbs. @ 25c, 10 lbs. @ 23c, 25 lbs. @ 21c, 100 lbs. @ 19c.

Great Northern. Larger seeded than Navy.

5 lbs. @ 27c, 10 lbs. @ 25c, 25 lbs. @ 23c, 100 lbs. @ 21c.

On all Beans—Less than 5 lbs. @ 5c per lb. advance.

BEETS



RUBY QUEEN

**All-America Bronze Medal
Winner for 1958**

Recommended for both market and home garden use because of these excellent features. It is early like Early Wonder, has smooth round roots with medium to dark red skin and solid interior color. The tops are short and dark green, showing very little red. Trials throughout this area were very impressive.

Oz. 25c, $\frac{1}{4}$ lb. 80c, 1 lb. \$2.00,
10 lbs. @ \$1.90 per lb.

Asgrow Wonder. 57 days. Excels in earliness and uniformity and depth of interior color. Roots round when young deep red, smooth with small tap root. Tops erect and dark green.

Oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.40, 10 lbs. @ \$1.30 lb.

Crosby's Egyptian. 60 days. Flattened globe.

Oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.35, 10 lbs. @ \$1.25 lb.

Detroit Dark Red, Short Top Strain. 68 days. Our strain of this variety is excellent. Roots deep oxblood red, smooth with small tap roots. Interior color dark red with very little lighter zoning. Tops comparatively short, dark green, sometimes tinged red. Down mildew resistant.

Oz. 15c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.40, 10 lbs. @ \$1.30 lb.

BROCCOLI

Green Mountain. 60 days. Extra early strain for market or freezing. Large compact dark green center heads with tight attractive buds. Matures uniformly, the lateral heads produced over a long season.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Waltham 29. 75 days. Leading variety for late summer and fall harvest. Plants short, compact, producing a heavy crop over a long period.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

BRUSSELS SPROUTS

Long Island Improved, Catskill strain. 90 days. Plants 2 ft. tall, compact, producing a heavy crop of sprouts.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Jade Cross. All-America Winner for 1959. Growing extremely vigorous and uniform, about 22 inches tall. It is heavier in yield and earlier than comparison varieties such as Long Island Improved, Catskill. Seed is scarce and we can offer only as follows:
 $\frac{1}{16}$ oz. 60c, $\frac{1}{4}$ oz. \$1.80, oz. \$6.00.

CABBAGE – Early Varieties

Bonanza. 75 days. Forms a small firm head early, then continues to grow, holding well in the field. Gives a long marketing period.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Copenhagen Market. 69 days. Short stem exceptionally uniform strain.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.

Early Jersey Wakefield. 63 days. Pointed head.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$4.50.

Early Round Dutch—See Greenback.

Glory of Enkhuizen. 77 days. Large round heads.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.50, lb. \$4.50.

Golden Acre. 64 days. Very uniform strain.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.

Red Acre. 74 days. Small, compact plant producing solid, hard, dark red leaved heads averaging 5 lbs.
 $\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.10, lb. \$6.50.

CABBAGE Yellow Resistant Early Varieties

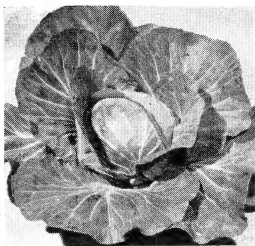
Badger Market. 70 days. Produces a small solid head of trim appearance and lively green color. Plants compact, permitting close planting. Heads hold well. Excellent for muck soils.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Greenback. 74 days. New yellows resistant Round Dutch. Vigorous, short stemmed, slow to produce seed stalks. About same season as Marion, but darker green.
 $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.00.

Copenhagen Resistant. 72 days. Larger and later than Copenhagen with added advantage of yellows resistance. Uniformly round, firm, slightly bluish green heads of good market size, about 4 lbs.
 $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.00.

Resistant Golden Acre. Resistant Detroit. 64 days.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Marion Market. 79 days. Resistant Copenhagen.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.



GREENBACK



**WISCONSIN BALLHEAD
IMPROVED**

CABBAGE Midseason and Late

Danish Ballhead. 103 days. Our short stemmed strain is exceptionally uniform in size and time of heading.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.

Penn State Ballhead. 105 days. Extra hard heads.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Late Flat Dutch. 100 days. Heavy yielder.
 $\frac{1}{2}$ oz. 30c, oz. 45c, $\frac{1}{4}$ lb. \$1.30, lb. \$4.00.

Mam Rock Red. 100 days. Standard large red cabbage.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Savoy Chieftain. 88 days. Now the most widely used of the Savoy type.
 $\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.

CABBAGE Yellows Resistant Late Varieties.

Badger Ballhead. 100 days. A new yellows resistant variety for late summer and fall. Medium size, slightly flattened, very solid globe of bluish green. Tolerant to various mosaic viruses.
 $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.00.

Wisconsin No. 8. 105 days. Resistant Ballhead.
 $\frac{1}{2}$ oz. 35c, oz. 60c, $\frac{1}{4}$ lb. \$1.75, lb. \$5.50.

Wisconsin All Seasons. 95 days. Yellows resistant drum-head type. Heads large, solid, thick flat.
 $\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Wisconsin Ballhead, Improved. 100 days. Heads nearly round, solid and compact, with blue green leaves.
 $\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.10, lb. \$6.50.

CABBAGE Chinese

Chihli. 75 days. Our strain is excellent.
 oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.35 lb.

Michili. 70 days. An improved Chihli, very uniform in size and heading, about 18 in. tall, 4 in. thick. Outer foliage dark green, interior well blanched.
 Oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.60 lb.

CAULIFLOWER

Early Snowball. 55 days. Best for early crop.
 $\frac{1}{2}$ oz. \$1.25, oz. \$2.40, $\frac{1}{4}$ lb. \$7.50, lb. \$25.00.

Snowdrift. 62 days. Larger, later than Snowball.
 $\frac{1}{2}$ oz. \$1.25, oz. \$2.40, $\frac{1}{4}$ lb. \$7.50, lb. \$25.00.

Pioneer. Remarkable for vigorous constitution, enabling it to withstand adverse weather conditions and still produce first grade heads. Pioneer heads up evenly within a period of about 3 weeks, maturing about the same number each day. Heads are very solid pure white and free from head leaflets. Large leaves give good protection.
 $\frac{1}{2}$ oz. \$1.25, oz. \$2.40, $\frac{1}{4}$ lb. \$7.50, lb. \$25.00.

CARROTS

Chantenay Improved. The long type, 7-in. roots.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Chantenay Red Core or Coreless. Shorter type, 5 in.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Danvers Half Long. 7-in. roots.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Gold Pak. Excellent market carrot, very uniform roots $8\frac{1}{2}$ to 10 in. long, smooth, with deep orange color. Strong matched tops make it ideal for bunching or cello-pack.

oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.60, 10 lbs. @ \$3.50 lb.

Imperator. Root long (8 in.) tapering to semi-blunt tip. Flesh rich orange fine grained and tender.

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Imperator, Long Type. A longer strain. 9 to 10 inches.

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Nantes Imp. Coreless. Slender, Cylindrical, 6 inch roots.

oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Nantes Strong Top. Special selection. 6 inch roots.

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Touchon. Slightly longer than Nantes.

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

CELERY

Giant Pascal. Tall late green celery.

$\frac{1}{2}$ oz. 35c, oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Summer Pascal Select Strain. Smooth, crisp, heavy stalks 8 to 11 inches long. Best green type for both early and late crops. Easy to blanch.

$\frac{1}{2}$ oz. \$1.00, oz. \$1.90, $\frac{1}{4}$ lb. \$6.00, lb. \$20.00.

Emerson Pascal. Developed for blight resistance. Overall plant height 22 inches—ribs 10 in. long, crisp and fleshy. Growth rather open, showing low heart development.

$\frac{1}{2}$ oz. \$1.00, oz. \$1.90, $\frac{1}{4}$ lb. \$6.00, lb. \$20.00.

Utah Pascal 52-70. Proving to be the largest and best Utah type yet developed. Tall strain, 28-30 in., with good heart development and better rib length than other Utah strains. Highly resistant to "brown check"!

$\frac{1}{2}$ oz. \$1.30, oz. \$2.50, $\frac{1}{4}$ lb. \$8.00, lb. \$25.00.

Tall Utah 52-70 H. A new strain of 52-70, slightly taller with longer ribs and higher rib count.

$\frac{1}{2}$ oz. \$1.30, oz. \$2.50, $\frac{1}{4}$ lb. \$8.00, lb. \$25.00.

Tall Pascal D5 (formerly 137). Is distinct and intermediate in type between Summer Pascal and Utah 52-70. Overall height about 24 inches with the same stem smoothness, sheen and type of Summer Pascal. D5 has shown resistance to yellowing due to magnesium deficiency and to brown check due to boron deficiency.

$\frac{1}{2}$ oz. \$1.75, oz. \$3.00, $\frac{1}{4}$ lb. \$9.00.

CELERIAC. Prague. Turnip rooted celery.

$\frac{1}{2}$ oz. 40c, oz. 70c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.50.

CHICORY. Large Rooted Madgeburg. Grown for greens and for the dried roots used as a supplement for coffee.

Oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50.

CHICORY. Witloof. Used for greens. Sometimes called French Endive.

Oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

CHIVES. Allium Schoenoprasum.

$\frac{1}{2}$ oz. 65c, oz. \$1.15, $\frac{1}{4}$ lb. \$3.50.



ASGROW GOLDEN 22

HYBRID SWEET CORN

Our strains are carefully grown under exacting supervision, and we believe the varieties offered cover the needs of your markets. Listed in order of earliness the number of days indicates time required to reach edible stage. Such figures must be comparative only, varying with soils and weather.

Our Hybrid Sweet Corn is all treated and graded.

SWEET CORN Yellow Hybrids

Gold Crest. 65 days. Ears are 7½ to 8 in. long, mostly 12 rowed with good quality. Bright yellow with light interior silk and good husk cover. Stalks sturdy, 5 ft. tall, showing good tolerance to bacterial wilt.

5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.

Seneca Dawn. 70 days. For an extra early, Dawn has a remarkably large ear, 12 to 16 rows, 7½ inches long. Stalk height 5 ft. Does well in Ohio.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Spancross C13.3. 70 days. Ear 5½ long. Stalk 5 ft.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

Earligold. 75 days. Ears 7½ in. long, 12 rowed. Stalks 6 feet. Bears up well even in adverse weather. Bright yellow kernels of good quality and flavor.

5 lbs. @ 52c, 10 lbs. @ 50c, 25 lbs. @ 48c, 100 lbs. @ 46c.

Morning Sun. 76 days. In season with Marcross, it is exceptional in quality; very sweet and tender. Also outstanding in yield, the ears cylindrical 14-16 rowed and well filled to tips. Kernels rich yellow and deep.

5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Marcross C13-6. 76 days. For second early crop for fresh market. Stalks 5½ feet with fair resistance to wilt.

5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.

Golden Beauty. 75 days. Ears thick, tapered, rich yellow and excellent flavor of good quality and heavy yield. Ears 6½-7 in. long. Stalks 5½ ft.

5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.

Gold Rush. 78 days. Ear 8 in. long. Stalk 6 ft. Gold Rush matures quickly and holds well in eating stage.

5 lbs. @ 48c, 10 lbs. @ 46c, 25 lbs. @ 44c, 100 lbs. @ 42c.

- Asgrow Golden 22.** 79 days. Maturing with Carmelcross but more vigorous and somewhat higher yielding with larger heavier ears. Ears are tapered, well filled to tips, borne about 20 inches above ground. Kernels medium depth and width, of good flavor. Plants are highly wilt resistant.
5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.
- Carmelcross.** 79 days. Ear 7 in. long. Stalks 5½ ft. Ears borne at about 15 inches. Fairly resistant to wilt.
5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.
- Foremost Y1.** 80 days. Combines good quality with heavy yield, with tightly wrapped husks. Ears 7½ to 8 in. long. Stalks 6½ ft. Sturdy and wilt resistant.
5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.
- Sixtypak.** 82 days. Consistently packs 5 dozen exceptionally uniform 8 inch ears per create. Plants are vigorous, 6½ to 7 ft. tall, mostly carrying 2 ears at 28 in. height. Resistant to bacterial wilt, heat and drought and has good tolerance of smut. Ears well filled, with blunt tips. Kernels medium narrow, golden and fine quality.
5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.
- Asgrow Golden 25.** 83 days. Ear 7-9 inches long, stalks 5½ ft. Exceptionally high quality, early main crop. Heat and drought resistant and highly resistant to Stewart's disease.
5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.
- Lincoln.** 83 days. Ear 7½ in. long. Stalk 6 ft.
5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.
- Golden Cross Bantam.** 85 days. Ear 8 in. Stalk 6 ft. The standard in quality and our strain is unexcelled.
5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.
- Golden Security.** 85 days. Ear 8½ in. long. Stalk 7½ ft. Noted for heavy yield as well as quality.
5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.
- Calumet.** 86 days. Ear 8½ in. long. Stalk 7 ft. Calumet has the ability to yield well even under adverse conditions, tolerant to heat and drought and highly resistant to wilt. Uniform in maturity. Ears are long, slender, well filled to tip.
5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.
- Sugar King.** 78 days. Ear 7½-8 in., 14 to 16 rowed and cylindrical. Stalks 6-7 feet tall. The husks are dark green, covering the tips well. Taste quality is exceptionally fine.
5 lbs. @ 56c, 10 lbs. @ 54c, 25 lbs. @ 52c, 100 lbs. @ 50c.
- Iochief.** 87 days. Ear 8-9 in. long. Stalk 7 ft. Heavy cropper of excellent quality. Ears are borne about 30 in. Kernels are narrow, deep. Plants have excellent resistance to wilt.
5 lbs. @ 50c, 10 lbs. @ 48c, 25 lbs. @ 46c, 100 lbs. @ 44c.
- Ioana.** 87 days. Ear 8 in. long. Stalk 6½ ft.
5 lbs. @ 44c, 10 lbs. @ 42c, 25 lbs. @ 40c, 100 lbs. @ 38c.
- Erie.** 88 days. Ear 9 in. long. Stalk 7½ ft. Has resistance to drought and Stewart's disease.
5 lbs. @ 51c, 10 lbs. @ 49c, 25 lbs. @ 47c, 100 lbs. @ 45c.
- Ohio Gold 1.** 91 days. Ear 8 in. long. Stalk 7½ ft.
5 lbs. @ 46c, 10 lbs. @ 44c, 25 lbs. @ 42c, 100 lbs. @ 40c.
- On all Corn—Less than 5 lbs. @ 5c per lb. advance.**

SWEET CORN. White Hybrids

Country Gentleman. 99 days. Ear 8 in. long. Stalk 7 ft.
5 lbs. @ 58c, 10 lbs. @ 56c, 25 lbs. @ 54c, 100 lbs. @ 52c.

Stowell's Hybrid. 93 days. Ear 8 in. long. Stalk 8 ft.
5 lbs. @ 48c, 10 lbs. @ 46c, 25 lbs. @ 44c, 100 lbs. @ 42c.

SWEET CORN. Open Pollinated Yellow

Golden Sunshine. 74 days. Ear 6½ in. Stalk 5½ ft.

Golden Bantam. 79 days. Ear 6½ in. long. Stalk 5½ ft.

Golden Bantam Imp. 82 days. Ear 7 in. long. Stalk 5½ ft.

Bantam Evergreen. 85 days. Ear 8 in. long. Stalk 8 ft.

SWEET CORN. Open Pollinated White

Early Evergreen. 90 days. Ear 7½ in. long. Stalk 8½ ft.

Country Gentleman. 95 days. Ear 7 in. long. Stalk 7 ft.

Stowell's Evergreen. 95 days. Ear 8 in. long. Stalk 8½ ft.

Any above Open Pollinated Varieties

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

POPCORN

Purdue Hybrid No. 31. 95 days. Very heavy yielder
yellow corn of high quality and popping expansion.
5 lbs. @ 54c, 10 lbs. @ 52c, 25 lbs. @ 50c, 100 lbs. @ 48c.

Minhybrid 250 or White Hulless Hybrid. 90 days. Excel-
lent popping quality and a good yielder.

5 lbs. @ 64c, 10 lbs. @ 62c, 25 lbs. @ 60c, 100 lbs. @ 58c.

S. American Giant (T.N.T.) 100 days. Large yellow.

5 lbs. @ 29c, 10 lbs. @ 27c, 25 lbs. @ 25c, 100 lbs. @ 23c.

Hulless-Baby Rice. 85 days. Small ears. Very tender.

5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

White Rice. 90 days.

5 lbs. @ 29c, 10 lbs. @ 27c, 25 lbs. @ 25c, 100 lbs. @ 23c.

COLLARDS. Georgia Southern or Creole.

oz. 20c, ¼ lb. 45c, lb. \$1.50.

COLLARDS. Vates Strain. Lower growing, smooth
leaved strain, very slow to bolt.

oz. 25c, ¼ lb. 65c, lb. \$2.00.

DILL

Long Island Mammoth.

oz. 15c, ¼ lb. 40c, lb. \$1.25, 10 lbs. @ \$1.15 lb.

EGGPLANT

Black Beauty. 80 days. Large oval, very dark purple,
broad egg shaped and smooth. Plants 24-28 in. high.
½ oz. 50c, oz. 80c, ¼ lb. \$2.50, lb. \$7.50.

New Hampshire Early. 70 days. Extra early. Plants 18-24
in. high, very productive. Fruits oval, 3½x4½ in. at
maturity, purple, slightly lighter than Black Beauty.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Long Purple. 78 days. Fruits are oblong-oval, 7-8 in.
long, about 3 in. thick, dark purple and smooth. Plants
relatively small and spreading.

½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

LETHERMAN'S CUCUMBERS

Hybrid Varieties

Superslicer F1 Hybrid. 56 days. A fine new slicing type Marketer Cucumber. Rather blocky at the stem end, the fruits normally 8 in. long. Color is deep green with white spines. Superslicer is extremely productive and is highly tolerant of mosaic and downy mildew.

½ oz. \$2.25, oz. \$4.15, ¼ lb. \$12.50, lb. \$36.00.

Burpee Hybrid (R). 60 days. Vines are long lived because of resistance to diseases, contributing to the heavy yield of handsome 8 in. fruits. An excellent white spined slicer for outdoor or greenhouse growing.

½ oz. \$2.35, oz. \$4.15, ¼ lb. \$12.50, lb. \$35.00.

(R)—Registered trademark of W. Atlee Burpee Co.



Marketer, The Market Leader

SLICING CUCUMBERS

Ohio MR 200. A mosaic tolerant slicer introduced by the Ohio Experiment Station as a result of a program started in 1938. While similar in fruit size and appearance to Marketer it is a little less liable to taper at the stem. The most valuable feature is the ability to maintain normal vine growth and fruit appearance in spite of the presence of cucumber mosaic virus

Oz. 40c, ¼ lb. \$1.30, lb. \$4.00, 10 lbs. @ \$3.90.

Imp. Long Green. 70 days. Long tapered black spine.

oz. 25c, ¼ lb. 75c, lb. \$2.25, 5 lbs. @ \$2.15 lb.

Marketer. 68 days. The accepted standard for size, shape and color and the most widely used commercial variety. Fruits trim and slender, medium length (7½-8 in.). Very dark green. Plant our Asgrow (introducers) strain.

Oz. 25c, ¼ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Long Marketer. Averages ½ to 1 inch longer.

oz. 30c, ¼ lb. 90c, lb. \$2.85, 10 lbs. @ \$2.75 lb.

Niagara. 60 days. Mosaic resistant dark green, resembling Cubit.

oz. 30c, ¼ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

Smoothie. All-America Winner for 1957. A white spined slicing cucumber very smooth and dark green, about 8 inches long. Most attractive and a good yielder.

Oz. 35c, ¼ lb. \$1.00, lb. \$3.00.

Straight 8. 60 days. Blunt 8 in. fruits.

Oz. 30c, ¼ lb. 90c, lb. \$2.85, 10 lbs. @ \$2.75 lb.

THREE NEW PICKLING CUCUMBERS

Available in limited quantity for 1959. Resistant to

Nappa 62 **Wisconsin SMR 15** **Wisconsin SMR 18**
scab or spot rot and tolerant to mosaic.

PLEASE ASK FOR PRICES

CUCUMBERS Pickling Varieties

Ohio MR 25. Developed by Ohio Experiment Station for resistance to mosaic and angular leaf spot and will replace National and other picklers in areas where mosaic is a factor. Fruits are straight, cylindrical and blocky, medium green and practically free of cavity. Vines vigorous and productive.

Oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Producer. 54 days. Tremendous yielder, white spined.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Model W. S. 56 days. Very trim dark green.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Boston Pickle. 58 days. Uniform, slightly tapered.

Chicago Pickle. 59 days. Well warted, square ended

National Pickle. 56 days. Symmetrical, full ended.

Above Three

oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

ENDIVE

Batavian Full Heart. Escarole. 90 days. Best broad leaved variety distinctly improved, medium large with very deep compact, well blanched heart.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$1.95, 10 lbs. @ \$1.85 lb.

Green Curled Ruffec. 95 days. Large plant with full center that blanches well, and pale green ribs.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$1.95, 10 lbs. @ \$1.85 lb.

Green Curled Pancalier. 95 days. Smaller plant than Ruffec, blanching well, with pink ribs.

oz. 25c, $\frac{1}{4}$ lb. 70c, lb. \$2.10, 10 lbs. @ \$2.00 lb.

KALE

Vates. 55 days. An improved strain of Dwarf Blue Scotch, more erect than older strains and slow to bolt.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50.

Dwarf Curled Scotch. 55 days. Bluish green, finely curled leaves.

oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

Siberian. 65 days. Large coarse frilled blue green leaves.

oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25.

KOHL RABI

Early White Vienna. 55 days. The standard.

Purple Vienna. 62 days. Purple with white flesh.

Either—oz. 35c, $\frac{1}{4}$ lb. \$1.15, lb. \$3.50.

LEEK

American Flag. Early, with 8-10 inch stems.

$\frac{1}{2}$ oz. 30c, oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00.

MUSTARD, GREEN WAVE

All-America Bronze Medal Winner for 1958

Believed the longest lasting, slowest bolting of all Mustards, beautifully curled with rich dark green color. Reports are that Green Wave will stand 2 to 4 weeks longer without bolting to seed and is very uniform in growth.

Oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50, 10 lbs. @ \$1.40 lb.

Fordhook Fancy. 50 days. Bright green, plummy, upright.

Southern Gt. Curled. 45 days. Light green, upright and long standing.

Either—oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25, 10 lbs. @ \$1.15 lb.

LETTUCE

LOOSE LEAF VARIETIES

LETTUCE, RUBY

All-America Bronze Medal Winner for 1958

A loose leaf salad lettuce with fancy frilled, crisp leaves, superior in that respect to Grand Rapids. The best feature is its bronzy color, much superior to Prizehead because it does not fade. Reports emphasize its heat resistance, slow bolting and finely serrated, frilled and savoyed leaves, along with the rich non-fading color.

oz. 65c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Black Seed Simpson. Standard for home gardens.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Grand Rapids. Most popular loose leaf.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Grand Rapids. Tip Burn Resistant H5-4. New strain developed at Ohio Experiment Station for greater uniformity in greenhouse forcing.

oz. 30c, $\frac{1}{4}$ lb. 80c, lb. \$2.40, 10 lbs. @ \$2.30 lb.

Oak Leaf. Distinct oak-like leaves. Heat resistant.

oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Prizehead. Tinged Red.

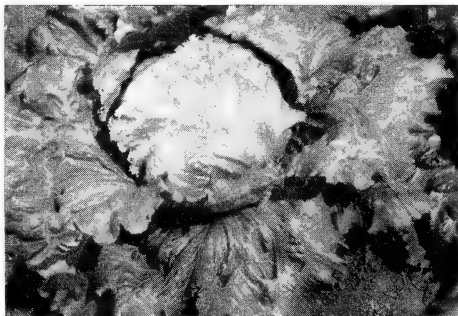
oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Salad Bowl. Stands sun and heat, extremely slow to bolt, holding tenderness and quality for a long period. Leaves are short, closely set.

oz. 70c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00.

Slobolt. Resembles Grand Rapids—but slow to bolt. Recommended for outdoor planting.

oz. 70c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.50.



GREAT LAKES STANDARD

LETTUCE—Imperial or Crisp Heading Varieties

Great Lake Standard. 82 days. A strain very widely adapted to various areas and soils. It is the main cropper in the north for summer-fall harvest on upland soil, also performing well on muck. It also does very well in the south. A sure heading strain in warm weather, very uniform and resistant to tip burn.

oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00, 10 lbs. @ \$4.90 lb.

Great Lakes 659. 86 days. Well adapted for cool weather late summer and fall in our area, especially on muck. Plants and heads medium large, solid with large frilled, dark green wrapper leaves.
oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00, 10 lbs. \$4.90 lb.

Pennlake. 77 days. An early variety of Great Lakes type for spring and early summer in the north. Heads large and solid. Outer leaves dark green, crisp, somewhat crumpled but fairly smooth.
oz. 55c, $\frac{1}{4}$ lb. \$1.80, lb. \$5.50, 10 lbs. @ \$5.40 lb.

Imperial or Cornell 456. 81 days. For summer harvest on muck and heavier soils in the north. Somewhat smaller and even surer heading than most strains of Great Lakes. Very slow to bolt and resistant to tip burn, but susceptible to frost injury. Medium large and solid wrapper leaves, light green, frilled.
oz. 55c, $\frac{1}{4}$ lb. \$1.80, lb. \$5.50, 10 lbs. & \$5.40 lb.

LETTUCE—Butterhead Varieties

Bibb. 54 days. Plants form a small rosette head, very early and quite quick to bolt. A money maker for greenhouse production in our area. Leaves are thick, tender, deep green outside, blanched to creamy yellow within.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Burpeeana. Excellent for growing under glass, this variety has in some cases out-performed Bibb in yield and long standing ability. Shiny, deep green butter heads are saleable in about 75 days. Leaves moderately crinkled and savoyed, always crisp and tender with very sweet flavor.
oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.

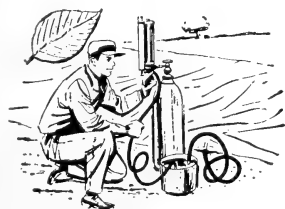
Big. Boston. 75 days. The popular butterhead variety.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lb. @ \$2.15 lb.

White Boston, Cornell 43. 72 days. Resembles Big Boston, but is somewhat smaller with lighter colored leaves entirely free from brown or reddish tint. Heads quite compact of excellent textures and flavor. Most popular in the butterhead class.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lb. @ \$2.15 lb.

Midas. New slow bolting butterhead variety developed by USDA. Large light green medium savoyed heads, without brown tint.
oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Cos or Romaine Lettuce

Cos, Dark Green. 70 days. Plants medium large, 7-8 inches tall, self closing. Leaves dark green slightly crumpled.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lb. @ \$2.15 lb.



Fumigation Blankets

See Back Pages of this catalog for listing of sizes and prices of Polyethylene sheets as

**Fumigation Covers
and
Mulching Strips.**

MUSKMELON

Craig. 90 days. Medium size melon of excellent quality and with tough enough rind for short hauling.
oz. 35c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Golden Delight. 85 days. Has thick salmon flesh of good quality. Hard ribbed rind is well netted.
oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$3.75, 10 lbs. @ \$3.65 lb.

Harvest Queen. 95 days. Ideal for market or home garden. Fruits are oval, medium size, heavily netted with tough rind. Flesh is fine textured, deep orange and excellent quality. Plants resistant to fusarium wilt.
oz. 35c, $\frac{1}{4}$ lb. \$1.15, lb. \$3.50, 10 lbs. @ \$3.40 lb.

Pennsweet. 82 days. Productive early melon for local markets. Fruits long oval 7 in. long, $5\frac{1}{2}$ diameter. Flesh thick, bright orange, delicious flavor.
oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$3.75, 10 lbs. @ \$3.65 lb.

The Bender Types

Bender Surprise. 90 days. Thick Salmon flesh.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Delicious 51. 86 days. Developed from a cross between Delicious and Iroquois with earliness of former and many of the good qualities of Iroquois. Fusarium wilt resistant. Flesh is thicker and firmer than regular Delicious.
oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Schoon's Hardshell. 90 days. Superior shipper because of the hard rind. Flesh is thick salmon colored and sweet.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Iroquois. 90 days. Fusarium wilt resistant hard shelled prominently ribbed with heavy coarse netting.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

Other Fine Varieties

Hales' Best No. 36. 90 days. Early popular shipper. A very uniform strain more prolific than Jumbo type.

Hearts of Gold. 90 days. Small round, fine quality.

Honey Rock. 88 days. Excellent for local markets.

Pride of Wisconsin. 100 days. Oval with thick flesh.

Above Four Varieties

oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00, 10 lbs. @ \$2.90 lb.

WATERMELONS

Cannon Ball. 95 days. Large nearly round, dark green. Also called Florida Giant or Black Diamond.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Cole's Early. 75 days. Early medium size, striped.
oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$1.90, 10 lbs. @ \$1.80 lb.

Congo. 90 days. Large oval melon, dark green, striped lighter, with tough rind. Resistant to anthracnose.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Dixie Queen. 85 days. Excellent fairly early large heavy fruits, round oval.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Early Kansas. 80 days. Large, nearly round, striped.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Hawkesbury. 85 days. Ours is the wilt resistant Purdue strain. It is a large long, gray-green melon with hard rind.

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Kleckley Sweet Imp. 85 days. Long, dark green.

oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

New Hampshire Midget. 65-70 days. Best to date of the small "ice-box" melons, 6 in. through, weighing up to 6 lbs. Light green with dark stripes, brown seeds. Very early.

oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.90, 10 lbs. @ \$2.80 lb.

Rhode Island Red. 75 days. Small to medium sized 8 to 12 lbs. Has the color and tough rind of Dixie Queen. Excellent quality.

oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Stone Mountain. 90 days. Round oval, dark green.

oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Sugar Baby. 75 days. New small variety in the ice-box class. Melons round about 8 in. diameter with very dark green, thin, hard rind. Flesh is fine textured, sweet, not excessively seedy. Seeds are small, brown mottled black.

oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Winter King & Queen. 90 days. Novel, long keeper.

oz. 25c. $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.



HYBRID ELITE

HYBRID ONION SEED

The Hybrid Onions make it possible for the grower to raise more bushels of No. 1 Onions per acre at less cost per bushel.

Abundance. 103 days. Early Yellow Globe type, but constantly heavier yielding. Bulbs large, light yellow, deep globe. Can be stored until early winter.

oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.

Aristocrat. 105 days. Brigham Yellow Globe type but somewhat heavier yielding. Bulbs medium large globe to deep globe shaped, very firm, storing well into late winter.

oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.

Early Harvest. 85 days. Developed for the earliest harvest as it matures bulbs from seed at about the same time as standard varieties grown from dry sets. Bulbs medium size, globe shaped, flesh relatively mild. Not for storage.

oz. \$1.10, $\frac{1}{4}$ lb. \$3.25, lb. \$10.00.

Elite. 105 days. Early Yellow Globe type, but later, much heavier yielding and better storage quality. Good muck land variety. In some Ohio trials Elite out-yielded Downing's Yellow Globe by 500—50 lb. bags per acre. Bulbs globe to tall globe. Long storage.

oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.



ONION. Yellow Varieties

Early Yellow Globe. 98 days. Early, yet good keeper.
oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00, 10 lbs. @ \$3.90 lb.

Southport Yellow-Brigham. 109 days. An improved strain of Southport, particularly adapted to muck soil.
oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$3.75, 10 lbs. @ \$3.65 lb.

Yellow Globe Danvers. 110 days.
oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00, 10 lbs. @ \$3.90 lb.

Yellow Sweet Spanish, Utah Strain. 115 days.
oz. 50c, $\frac{1}{4}$ lb. \$1.60, lb. \$5.00, 10 lbs. @ \$4.90 lb.

ONION. White Varieties

Beltsville Bunching. Cannot supply.

Long White Shank Green Bunching. Has a very long white shank, mild in flavor. Tops are very dark green.
oz. 40c, $\frac{1}{4}$ lb. \$1.30, lb. \$3.90, 10 lbs. @ \$3.80 lb.

Nebuka—Long White Bunching. 60 days. Bulbless bunching variety with long pure white stems.
oz. 40c, $\frac{1}{4}$ lb. \$1.30, lb. \$3.90, 10 lbs. @ \$3.80 lb.

Southport White Globe. 110 days. Best white globe.
oz. 40c, $\frac{1}{4}$ lb. \$1.30, lb. \$4.00, 10 lbs. @ \$3.90 lb.

White Lisbon. 60 days. Early white bunching onion.
oz. 45c, $\frac{1}{4}$ lb. \$1.30, lb. \$4.00, 10 lbs. @ \$3.90 lb.

White Portugal or Silverskin. 100 days.
oz. 45c, $\frac{1}{4}$ lb. \$1.40, lb. \$4.25, 10 lbs. @ \$4.15 lb.

White Sweet Spanish. 110 days. Largest mild white.
oz. 55c, $\frac{1}{4}$ lb. \$1.65, lb. \$5.00, 10 lbs. @ \$4.90 lb.

ONION SETS Please Ask for Prices.

OKRA OR GUMBO

Emerald. 55 days. Long (8 in.) dark green spineless pods on semi-dwarf (5 ft.) vigorous plants. Pods snap off readily.

Dwarf Long Pod. 50 days. Dwarf (3 ft.) plants with spineless bright green pods.

Either—oz. 10c, $\frac{1}{4}$ lb. 30c, lb. \$1.00, 10 lbs. @ 90c lb.

PARSLEY

Moss or Triple Curled. 70 days. Quickest growing, with exceedingly fine cut, curled leaves.

Plain Leaved. 72 days. Bright green, flat leaves.

Paramount. 85 days. Extra dark green, curled.

Hamburg Turnip Rooted. 90 days. Roots 8-10 in. long.
All at oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

PARSNIP

Harris Model. Very smooth, free from side roots.

Imp. Hollow Crown. Standard variety.

Either—oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.40, 10 lbs. @ \$1.30.

Materials for Crop Protection . . .

INSECTICIDES — FUNGICIDES — HERBICIDES

Ask for Complete Price List

LEATHERMAN'S PEAS

Extra Early Smooth Seeded

Alaska. 57 days. 28 in. vine. Wilt resistant strain.

5 lbs. @ 24c, 10 lbs. @ 22c, 25 lbs. @ 20c, 100 lbs. @ 18c.

Early Bird Superb. 61 days. 16 in. vine. Pods 4 in. long.

5 lbs. @ 34c, 10 lbs. @ 32c, 25 lbs. @ 30c, 100 lbs. @ 28c.

Early Dwarf Wrinkled Seed

Little Marvel. 64 days. 18 in. vine. Pods 3 in. long.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Nott's Excelsior. 62 days. 16 in. vine. Pods 2-¾" long.

5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

Wando. 67 days. 28 in. vine. Pods 3-½" long. Produces well in hot weather. Small seeded variety of excellent quality for market garden or freezing.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Large Podded Dwarf

Hundredfold. 63 days. 18 in. vine. Pods 4¼" long.

Laxtonian. 63 days. 18 in. vine. Pods 4¼" long.

Laxton's Progress. 62 days. 16" vine. Pods 4½" long.

Progress No. 9, Greater Progress. 60 days. 20" vine. An early wilt-resistant strain.

Prices Any Above Group

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Early Tall Varieties

Thos. Laxton Imp. 62 days. 36" vine. Pods 3½" long.

Freezonian. 63 days. 30 in. vine. Pods blunt 3½" long. Excellent for market or freezing.

Victory Freezer. 67 days. 30 in. vine. Gives big yield in one picking.

Any Above Three

5 lbs. @ 31c, 10 lbs. @ 29c, 25 lbs. @ 27c, 100 lbs. @ 25c.

PEAS Midseason and Late

Alderman. 74 days. 60 in. vine. Pods 4½ in. long. Ours is the improved dark podded strain.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Everbearing. 76 days. 28 in. vine. Pods 3 in. long.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

Asgrow No. 40. 74 days. 28 in. vine. Pods 5 in. long.

5 lbs. @ 32c, 10 lbs. @ 30c, 25 lbs. @ 28c, 100 lbs. @ 26c.

On all Peas—Less than 5 lbs. @ 5c per lb. advance.

PUMPKIN

Connecticut Field. 118 days. Fruits large 15-20 lbs. oz. 20c, ¼ lb. 55c, lb. \$1.75, 10 lbs. @ \$1.65 lb.

King of Mammoth. 120 days. Largest, 60-70 lbs. oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Small Sugar Pie. 108 days. Excellent quality. oz. 20c, ¼ lb. 55c, lb. \$1.75, 10 lbs. @ \$1.65 lb.

Jack O' Lantern. Right size and shape for Halloween trade. 9 in. high, 7-8 in. diameter. oz. 25c, ¼ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.



YOLO WONDER A

PEPPERS

California Wonder. 75 days. An excellent strain of this most widely used market variety. Plants upright, vigorous and prolific. Fruits are upright, dark green, thick walled, mostly 4 lobed with little or no taper, averaging 4 in. length and $3\frac{3}{4}$ in. diameter.

$\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Early Calwonder. 69 days. An earlier maturing California Wonder for local markets. Fruits are somewhat smaller and more tapering with more 3 lobed fruits.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Oakview Wonder. 65 days. Earlier and sometimes more productive than California Wonder with shorter stockier plants, fruits are same size and shape.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Golden California Wonder. 68 days. In plants and fruit size very similar to California Wonder. The green fruits turn to deep golden yellow at maturity.

$\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

Yolo Wonder A. Introducer's strain. Similar to and replacing original Yolo Wonder. It resembles California Wonder but is mosaic resistant. Fruits are pendant, dark green and more uniformly 4 lobed than original strain. Compact plants allow close planting.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Banana, Hungarian Sweet. 65 days. Fruits average 5 in. long, $1\frac{1}{2}$ in. diameter at shoulder, tapering to a blunt tip and banana in color, turning to bright red at maturity.

$\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Perfection Pimento. 80 days. For market use or canning. Plants upright and vigorous. Fruits are pendant, heart shaped, dark green turning to deep red. Walls thick, sweet and mild.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Roumanian Sweet. 80 days. Waxy yellow, tapering fruits, 4 to $4\frac{1}{2}$ in. long, 2 in. across shoulders.

$\frac{1}{2}$ oz. 70c, oz. \$1.25, $\frac{1}{4}$ lb. \$3.70, lb. \$12.00.

Ruby King. 68 days. Fine upright prolific variety. Fruits pendant, long, tapering to a blunt tip $5\frac{1}{4}$ in. long, $3\frac{1}{2}$ in. diameter at shoulder, 3 lobed and dark green.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Sunnybrook. (Pimento). 72 days. Sometimes known as "Cheese" pepper. Fruits are tomato shaped 3 in. diameter 2 in. deep, glossy green turning to red.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

World Beater. 70 days. A uniform and productive strain. Fruits 5 in. long, 3½ in. diameter with thick sweet flesh. Green changing to red.
½ oz. 50c, oz. 90c, ¼ lb. \$2.75, lb. \$9.00.

PEPPERS — Hot Varieties

Hungarian Long Yellow Wax. 65 days. For pickling and local market. Fruits are pendant, bright yellow changing to red, 6 in. long, 1¼ in. diameter, tapering to points.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Hungarian Short, Rainbow Wax. 60 days. Medium hot and a shorter blocky type. Fruits are very attractive yellow, later turning to red. This special stock of our own growing is early, heavy yielding with thick meated fruits.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Long Slim Red Cayenne. 70 days. 5 in. long, slender dark green turning bright red, very pungent.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Red Cherry. 80 days. Plants small, very prolific. Fruits upright, about 1 inch in both length and diameter, nearly round, deep green turning to dark red.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

Red Chili. 82 days. Another good pickling variety. Fruits about ½ in. diameter and 1¾ in. long, pointed, pale yellowish green turning red.
½ oz. 60c, oz. \$1.00, ¼ lb. \$3.00, lb. \$10.00.

LEATHERMAN'S RADISHES

Exceptional selected strains for high ground, muck land, or greenhouse planting.

Cavalier. 23 days. Excellent olive globe shaped. Well suited for greenhouse forcing and for muck land use, for bunching or pre-packing.

Comet. 24 days. Deep globe radish with medium tops. Bright color and keeping quality makes Comet ideal for "cello pack".

Scarlet Globe, Short Top. 23 days. Excellent round globe strain, with short yet strong tops.

Cherry Belle. 23 days. Brilliant Cherry Red, round as a ball, very short topped even in summer heat. Stands quite long without becoming pithy.

Above Strains

¼ lb. 30c, lb. 85c, 10 lbs. @ 80c, 100 lbs. @ 75c.

White Icicle, Short Top. 27 days. Special gardeners strain for forcing or outdoors. Tops shorter than regular Icicle.

¼ lb. 30c, lb. 90c, 10 lbs. @ 85c, 100 lbs. @ 80c lb.

Radish Champion—All-America for 1957

A clear bright scarlet, round or ball shaped of about the diameter of a silver dollar. Quality is excellent and it stands a long time and to large size without getting pithy. May be sown early while ground is cold.

oz. 15c, ¼ lb. 35c, 1 lb. \$1.00, 10 lbs. @ 95c lb.

RADISH — Standard Strains

Crimson Giant. 28 days. Large Globe. Stays firm.

French Breakfast. 25 days. Oblong with white tip.

Long Scarlet, Short Top. 28 days. Best long scarlet.

Sparkler, White Tip. 26 days. Round with white base.

Scarlet Globe. Medium Top. 23 days.

White Icicle. 27 days. Best long white.

All Above Standard Varieties

$\frac{1}{4}$ lb. 25c, lb. 80c, 10 lbs. @ 75c, 100 lbs. @ 70c.

WINTER RADISHES

Celestial White Winter. $\frac{1}{4}$ lb. 35c, lb. \$1.10.

Round Black Spanish. $\frac{1}{4}$ lb. 35c, lb. \$1.10.

SALSIFY. Vegetable Oyster

Mam. Sandwich Island. The standard variety.

oz. 40c, $\frac{1}{4}$ lb. \$1.25, lb. \$4.00.

SPINACH

New Early Hybrid No. 7. A blue mold and blight resistant type. Semi-compact, dark green and upright in growth. Leaves are large and medium savoyed. No. 7 is outyielding other varieties substantially 35 to 50%. It bolts quickly in warm weather, so is recommended for fall crop. oz. 15c, $\frac{1}{4}$ lb. 50c, lb. \$1.50.

Dixie Market. A new savoy leafed variety, resistant to downy mildew and mosaic. Plants are upright, compact, leaves dark green, rounded, thick and well savoyed. More productive than other Bloomsdales. Grow for winter production in the South and for fall sowing in the North.

1 lb. 65c, 10 lbs. @ 60c, 100 lbs. @ 55c.

America. 50 days. Outstanding for its slowness to bolt in hot weather. Has thick, dark green savoy leaves.

Bloomsdale, Dark Green. 40 days. Retains its deep green fresh appearance well for market.

Bloomsdale, Long Standing. 42 days. Quick to develop, yet long standing.

Old Dominion. 42 days. Blight resistant and long standing. Best in our area for Sept.-Oct. planting to winter over for spring.

Virginia Blight Resistant Savoy. 40 days. Improved long standing. In our area the best for fall crop from July-Aug. planting.

All Above Varieties Except Hybrid No. 7 and Dixie Market — lb. 50c, 10 lbs. @ 45c, 100 lbs. @ 40c lb.

SWISS CHARD

Lucullus. 50 days. Leaves and stems pale green.

Fordhook. 55 days. Crumpled dark green leaves, stems white.

Either above—oz. 15c, $\frac{1}{4}$ lb. 40c, lb. \$1.25.

Rhubarb. Deep green leaves. Crimson stems.

oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00.

SQUASH — Summer Varieties

Black Beauty. 40 days. An All-America winner for 1957. Black Beauty is the earliest of the Black Zucchini type and is very uniform in plant growth and fruiting. Fruits 6 to 8 in. long at harvest.
oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.00.

Black Zucchini. 44 days. Cylindrical dark green. Smooth fruits 6-8 in. at harvest.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

Caserta. 50 days. Early, heavy yielder of Cocozelle type. Straight cylindrical fruits, grayish greenish with darker mottling. Plants are compact.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Cocozelle Long. 44 days. Dark green with light stripes, long narrow type. Firm flesh of excellent quality.
oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

Early Prolific Straightneck. 46 days. The standard straight yellow fruited variety for shipping or local market. Plants compact, bearing heavily over a long period.
oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Early Summer Crookneck. 48 days.
oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

White Bush Scallop. 52 days. 7 in. diameter.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Yankee Hybrid. 47 days. Clear waxy yellow, smooth fruits which develop early. Tremendous yielder.
oz. 60c, $\frac{1}{4}$ lb. \$2.00, lb. \$6.00, 10 lbs. @ \$5.90 lb.

SQUASH — Winter Varieties

Acorn, Table Queen. 85 days. Very uniform strain.
oz. 20c, $\frac{1}{4}$ lb. 65c, lb. \$2.00, 10 lbs. @ \$1.90 lb.

Royal Acorn. 90 days. A third larger than Acorn.
oz. 25c, $\frac{1}{4}$ lb. 75c, lb. \$2.25, 10 lbs. @ \$2.15 lb.

Ebony Acorn. 80 days. Produces highly marketable fruits with unmottled blackish green skin with glossy sheen. Consistently uniform in size ($5\frac{1}{2} \times 5\frac{1}{2}$ -inch) between Acorn and Royal Acorn. Ebony is less pointed and has shallower ridges. Excellent quality.
oz. 35c, $\frac{1}{4}$ lb. \$1.10, lb. \$3.50, 10 lbs. @ \$3.40 lb.

Buttercup. 100 days. Turban type, fruit dark green with gray stripes. Flesh orange, well flavored.
oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75, 10 lbs. @ \$2.65 lb.

Butternut 23. 90 days. Distinct and more uniform strain selected from original. Fruits blocky cylinder 9 in. long, $4\frac{1}{2}$ in. diameter, with thick solid neck and small seed cavity. Flesh orange, fine grained, excellent quality.
oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.25, 10 lbs. @ \$3.15 lb.

Green Delicious. 100 days. Green with lighter stripes.

Blue Hubbard. 100 days. Blue gray shell.

Imp. Green Hubbard. 105 days. Moderately warted.

Golden Hubbard. 100 days. Orange red, warted.

Warted Hubbard. 110 days. Dark green, heavily warted.

Above 5 Varieties all at

oz. 25c, $\frac{1}{4}$ lb. 80c, lb. \$2.50, 10 lbs. @ \$2.40 lb.

LEATHERMAN'S TOMATOES

F1 Hybrid Varieties

Burpee Hybrid (R). 70 days. All purpose main crop, first generation (F1 Hybrid). Medium (8 oz.) large scarlet globular fruits.

$\frac{1}{8}$ oz. \$2.00, $\frac{1}{8}$ oz. \$3.50, $\frac{1}{4}$ oz. \$6.00, $\frac{1}{2}$ oz. \$11.00, oz. \$20.00.

Big Boy Giant Hybrid (R). 78 days. Though very large, some up to 1 lb., Big Boy is smooth, deep globe in shape with firm bright red meaty flesh. Skin is scarlet red. Plants are vigorous, heavy producers.

$\frac{1}{8}$ oz. \$2.50, $\frac{1}{8}$ oz. \$4.50, $\frac{1}{4}$ oz. \$8.50, $\frac{1}{2}$ oz. \$16.00.

R in Circle is a registered trademark of W. Atlee Burpee Co.

Stokes' F2 Varieties

Stokescross No. 1. 70 days. Early with the ability to set fruit under adverse temperatures. Fruit size averages $5\frac{1}{2}$ ounces.

$\frac{1}{4}$ oz. 50c, oz. 1.50, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.

Stokescross No. 4. 75 days. In good demand for green wrap. The fruit sets readily and develops full color to the stem. Fruit size averages 5 ounces.

$\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.

Stokescross No. 5. 77 days. The hybrid vigor of this variety develops a strong full vine which sets heavily and develops highly flavorful fruits. Yields of over 30 tons per acre now being recorded.

$\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$3.00, lb. \$9.00.



THE IMPROVED STRAIN HOMESTEAD 24

TOMATO. Early Varieties, Red

Listed in order of earliness.

Victor or Bounty. 66 days. First early for home gardens.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Sioux. 70 days. Open plant producing a big crop of deep red, smooth, deep fruits. First picking is very early. Plants determinate, medium large and open.

$\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Early Red Chief. See Sioux.

Break O'Day. 70 days. Resistant to wilt and rust. Medium large, globe shaped, meaty fruits.

$\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Valiant. Certified. 70 days. Fruits are of uniformly good size and depth. Plants fairly open and spreading.
 $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Stokesdale. 73 days. Heavy yielding, widely adapted variety, plants somewhat spreading with adequate fruit protection. Fruits medium large, smooth globe shaped with good red color.
 $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Wisconsin No. 55. 73 days. Heavy yielder of medium size fruits with deep scarlet interior color. Shows some resistance to blight and blossom end rot.
 $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Longred. 74 days. Medium sized plant with deep globular fruits of medium size, solid and well colored. The name means that the fruits stay red longer before decay starts.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.25, lb. \$10.00.

TOMATO. Main Crop and Late

Pritchard. 76 days. Smooth, solid, deep scarlet. Plants show some resistance to fusarium wilt and rust
 $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Marglobe Certified. 77 days. Popular main crop. At least partially resistant to wilt and rust. The strain we have is notable for heavier yields and freedom from "puffiness". Fruits are medium large, deep globe, smooth and solid.
 $\frac{1}{2}$ oz. 45c, oz. 80c, $\frac{1}{4}$ lb. \$2.50, lb. \$8.00.

Queens. 77 days. Very productive rather open vines, tolerant to fusarium wilt. Fruits deep red, medium size, a deep almost pointed globe. Thick outer and inner walls and small seed cavities give a firm feel to the fruits.
 $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Jefferson. 82 days. Fine wilt resistant variety. Globe shaped, a little smaller than Rutgers. Good color inside and out and very prolific even under adverse conditions.
 $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Homestead 24. 82 days. More uniform selection from original Homestead. Very resistant to Fusarium wilt and adapted for growing in a wide area. Plants large, with heavy foliage cover. Fruits of Rutgers type, medium large, slightly flattened globe, meaty and firm, quite free from cracking or "puffiness."
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

W. R. Red Jubilee. 83 days. A new high yielding disease resistant tomato of excellent quality developed by the Ohio Experiment Station. In fruit size it is slightly smaller than Rutgers but is larger than Sioux. It is immune to Fusarium Wilt and is highly resistant to Gray Leaf Spot. Yields are outstanding, in some trials 30% higher than Rutgers, 10% higher than Sioux. Coloring is same as Rutgers and is about on a par with that variety from the standpoint of cracking.
 $\frac{1}{4}$ oz. \$1.25 $\frac{1}{2}$ oz. \$2.25, oz. \$4.00.

Ohio W. R. Brookston. About 80 days. Developed by Ohio Experiment Station as a disease resistant deep red fruited type, fruits averaging 5 ounces.
 $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

Rutgers Certified. 86 days. **Certified Indiana strain.** Rutgers is still the standard by which newer varieties are evaluated and the most popular in many areas. Plants are large, vigorous, productive. The fruits of our strain are large globe shaped, bright red with thick walls and meaty interior.
 $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.00.

Beefsteak. Red Ponderosa. 90 days. Extra large, fine quality. Plant growers need beef steak for retail trade.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Manalucie. 92 days. Rich scarlet red, large, nicely rounded, color at wrap stage is good and interior is firm with few seeds and thick walls. Resistant to Fusarium wilt and some other leaf infections.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Canning—Paste Type Tomatoes

San Marzano. 90 days. Small fruited pear shaped Italian variety. Plants are vigorous, spreading, bearing heavy yields of fruit in clusters. Fruits deep red, long oblong, $3\frac{1}{2}$ to $1\frac{1}{2}$ in. Walls very thick, interior dry and mild flavor.
 $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

Roma. 76 days. New wilt resistant variety. Fruits red 2-3 inch long, $1\frac{1}{2}$ in. diameter. Plants spreading and open.
 $\frac{1}{4}$ oz. 50c, $\frac{1}{2}$ oz. 90c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

Greenhouse Varieties

Greenhouse Globe—Ohio Wilt Resistant. WR-3. 82 days. Pink fruited.
 $\frac{1}{4}$ oz. \$1.00, $\frac{1}{2}$ oz. \$1.75, oz. \$3.00, $\frac{1}{4}$ lb. \$9.00.

Greenhouse Globe WR7. An improved strain resistant to the fruit blemish condition "pox".
 $\frac{1}{4}$ oz. \$1.75, $\frac{1}{2}$ oz. \$3.25, oz. \$6.00, $\frac{1}{4}$ lb. \$18.00.

Michigan State Forcing-Red. Medium size (4-5 inches), very deep scarlet fruits, very firm and attractive in appearance. Heavy yielding, a vigorous grower and wilt resistant.
oz. \$1.50, $\frac{1}{4}$ lb. \$5.00, lb. \$15.00.

Miscellaneous Varieties of Tomatoes

Crackproof Pink. 74 days. Fruits are medium to large flattened globe, that has a minimum of cracking. Skin pink with deep red flesh.
 $\frac{1}{4}$ oz. 75c, $\frac{1}{2}$ oz. \$1.25, oz. \$2.25, $\frac{1}{4}$ lb. \$7.50.

Gulf State Market. 80 days. Best main crop pink, large uniform globe, smooth and firm.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Genuine Italian. 82 days. Large non-acid pink. Special strain of our own production. It is a favorite with many home gardeners. So grow plenty of plants for retail.
 $\frac{1}{4}$ oz. 80c, $\frac{1}{2}$ oz. \$1.50, oz. \$2.50, $\frac{1}{4}$ lb. \$7.50.

Ponderosa. 88 days. Large solid pink fruit, mild.
 $\frac{1}{2}$ oz. 60c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00, lb. \$10.00.

Oxheart. 90 days. Large heart-shaped mild pink.
 $\frac{1}{2}$ oz. 80c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50, lb. \$15.00.

Yellow Jubilee. 75 days. Bright orange yellow. Mild.
 $\frac{1}{2}$ oz. 50c, oz. 90c, $\frac{1}{4}$ lb. \$2.75, lb. \$9.00.

TURNIP

Purple Top White Globe. 55 days.

¼ lb. 35c, lb. \$1.00, 10 lbs. @ 95c, 100 lbs. @ 90c lb.

Purple Top White Globe. Smith Strain. Special extra uniform shorter top strain for market gardeners.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. \$1.15 lb.

Purple Top Strap Leaf. 45 days. Flattened roots.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. @ \$1.15 lb.

Seven Top. Grown for "greens".

¼ lb. 35c, lb. \$1.10, 10 lbs. @ \$1.05, 100 lbs. @ \$1.00 lb.

Snowball. 40 days. Round white roots.

¼ oz. 35c, lb. \$1.25, 10 lbs. & \$1.20, 100 lbs. @ \$1.15 lb.

RUTABAGA

American Purple Top. 90 days.

¼ lb. 35c, lb. \$1.25, 10 lbs. @ \$1.20, 100 lbs. @ \$1.15 lb.

NUMBER OF PLANTS PER ACRE

If Planted	No. Plants	If Planted	No. Plants
12 x 12 in.	43,560	36 x 24 in.	7,260
12 x 18 in.	29,040	36 x 36 in.	4,840
18 x 18 in.	19,360	48 x 24 in.	5,445
18 x 24 in.	15,520	48 x 36 in.	3,630
24 x 24 in.	10,890	48 x 58 in.	2,723
30 x 12 in.	17,424	60 x 60 in.	1,743
30 x 24 in.	8,712	8 x 3 ft.	1,815
36 x 12 in.	14,520	8 x 8 ft.	680

FEET OF ROW PER ACRE AT GIVEN DISTANCES

Betw'n Rows	Ft. of Row	Betw'n Rows	Ft. of Row
18 inches	29,010	30 inches	17,427
24 inches	21,758	36 inches	14,526

TIMING BEDDING PLANTS — GROWN FROM SEED

The time required for plants to reach saleable size after sowing the seed depends on heat and light available. Seeds started in the greenhouse in March or early April will develop more rapidly than seed of the same varieties started in January and February when short days and cloudy weather prevails.

The outdoor planting season for most annuals extends over 4 to 8 weeks, so it is necessary to make several successive plantings.

The following figures will help, though they will not take the place of information gained by your own experience.

The following annuals usually take 4 4 to 5 weeks to produce flatted seedlings:

Calendula - Cosmos - Marigolds - Zinnias.

The following require 6 to 8 weeks:

Balsam - Celosia - Cleome - Phlox - Portulaca - Asters
- Torenia - Unwin's Dahlias - Verbena - Egg Plant - Peppers - Tomatoes.

The following require 7 to 9 weeks:

Ageratum - Alyssum - Antirrhinum - Nicotiana - Petunia - Salvia - Vinca Rosea.

NUMBER OF FLOWER SEEDS PER OZ. OR FRACTION OZ.

These quantities cannot be exact, they will vary somewhat from year to year as weather conditions vary causing seeds to be smaller, larger or lighter than normal.

Ageratum	220,000	Larkspur	9,000
Alyssum, Annual	60,000	Lathyrus	600
Alyssum, Saxatile	30,000	Linum Perenne	8,500
Antirrhinum	200,000	Lobelia Annual	750,000
Asparagus, Plumosus	850	Lupine Annual	1,800
Asparagus, Sprengeri	650	Lupine Perennial-Russels	1,500
Asters	12,000	Lychnis Chalcedonica	64,000
Aquilegia	175,000	Marigold, Large Flowering	8-9,000
Balsam	3,200	Marigold, Dwarf French	10,000
Bean, Scarlet Runner	25	Marigold, Signata Pumila	35,000
Bellis	192,000	Ipomea-Morning Glories	
Bells of Ireland	4,200	Cardinal Climber	1,000
Browallia Speciosa	120,000	Cypress Vine	2,200
Calendula	3,500	Moonflower	130
Campanula	120,000	Heavenly Blue	700
Candytuft Umbellata	10,000	Scarlet O'Hara	700
Candytuft Sempervirens	12,000	Myosotis	42,000
Cardinal Climber	1,000	Nasturtium	175
Carnations	15,000	Nemesia	100,000
Celosia	36,000	Nicotiana	200,000
Centaurea Cyanus	6,000	Nierembergia (Purple Robe)	170,000
Centaurea Imperialis	8,000	Pansy	24,000
Centaurea Gymnocarpa	7,500	Petunia-Giant Types	160,000
Centaurea Candidissima	7,500	Petunia, Hybrid Bedding	280,000
Chrysanthemum Annual	10,000	Petunia, Grandiflora	240,000
Cleome	12,500	Phlox	17,000
Coleus (1/8 oz.)	7,000	Poppy Oriental	150,000
Corn, rainbow	120	Poppy Nudicale	450,000
Coreopsis	12,000	Poppy Shirley	75,000
Cosmos	5,500	Platycodon	30,000
Dahlia	3,000	Portulaca	300,000
Daisy, Shasta	25,000	Primula Polyanthus	33,000
Delphinium, Hybrid	13,000	Pyrethrum	18,000
Dianthus	25,000	Ricinus	30
Digitalis	200,000	Salpiglossis	125,000
Eschscholtzia	15,000	Salvia, Splendens type	7,500
Euphorbia, Varietgated	2,500	Salvia, Farinacea	24,000
Feverfew	140,000	Scabiosa Annual	4,500
Four O'Clocks	500	Scabiosa Caucasica	1,800
Gaillardia Annual	5,000	Schizanthus	46,000
Gaillardia Perennial	9,500	Statice Sinuata	325
Geum	7,000	Stocks 10 Weeks	18,000
Gemphrena	10,000	Sweet Peas	300-350
Guards Ornamental Small	500	Sweet William	30,000
Guards Ornamental Large	150	Thunbergia	1,200
Gypsophila Annual	24,000	Tithonia	2,800
Gypsophila Paniculata	35,000	Torenia, Fourneri	375,000
Helichrysum	45,000	Verbena	10,000
Hollyhocks	3,500	Vinca Rosea	22,000
Hunnemannia	7,000	Viola	25,000
Impatiens	70,000	Zinnia, Large	3,000
Kochia	30,000	Zinnia, Liliput	4,800
Lantana	13,000	Zinnia, Persian Carpet	22,000

QUANTITY DISCOUNTS ON FLOWER SEEDS

Orders under \$5.00 — Net Cash

	Cash	Charge
\$ 5.00 to \$ 24.00	5%	3%
25.00 to 99.00	8%	6%
100.00 to 149.00	10%	8%
150.00 to 199.00	12%	10%
200.00 to 300.00	15%	13%

Charge accounts if paid in 10 days may deduct an additional 3%. Transportation is prepaid.



**"Wee Willie" Annual Sweet William with
Ageratum Blue Mink**

ANNUAL FLOWERS

**Varieties and strains of excellent type
and strong germination**

SEE PRECEDING PAGE — SPECIAL DISCOUNTS

Special on Retail Packets. We allow a discount of 25% on Packets of Flowers and Vegetables from retail catalog.

AGERATUM

***Blue Mink.** New, very early flowering tetraploid strain with large, fluffy, powder blue flowers on uniform 6-inch plants.

$\frac{3}{32}$ oz. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Blue Bedder. Dwarf (5 in.) Flowers lavender blue, slightly deeper than Blue Ball.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.50.

Midget Blue. The most uniform very dwarf (3-4 in.)

$\frac{3}{32}$ oz. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Fairy Pink. Soft salmon pink, on dwarf, compact plants.

$\frac{3}{32}$ oz. 35c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

ALYSSUM

Pink Heather. All-America award winner for 1959. Will be much in demand. A heather or lavender pink. Coloring intensified in cool weather. Plants dwarf the habit of Violet Queen or Little Gem.

Tr. Pkt. 40c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$7.00.

***A Carpet of Snow-Procumbens.** Extra good strain which grows flat on the ground like a carpet.

$\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.00, $\frac{1}{4}$ lb. \$3.00.

Sweet White. Taller semi-trailing variety.

$\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. 90c, $\frac{1}{4}$ lb. \$2.75.

Royal Carpet. Rich royal purple flowers. Dwarf procumbent growth like Carpet of Snow.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50.

Violet Queen. Violet flowers. Plants dwarf, but taller than Royal Carpet. 5 inches.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.25, $\frac{1}{4}$ lb. \$3.75.

ANTIRRHINUM — "SNAPS"

NEW PANORAMA SNAPDRAGONS

A panorama of colors in long, graceful, well filled spikes. An F2 grown directly from separate F1 Hybrids. Ideal for cutting in the garden. 24 inches tall.

Panorama Mixed Colors.

$\frac{1}{16}$ oz 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

This strain is also available in separate colors, viz:

Rose Pink

Red

Yellow Gold

White

Lavender

Bronze

Any color—

$\frac{1}{32}$ oz. 50c, $\frac{1}{16}$ oz. 90c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.50.

TETRA GIANT RUFFLED TYPE

Tall vigorous plants with extra large florets and long flower spikes. Ideal for grower who sells plants.

Crimson

Yellow

Pink Shades

Sunset Bronze Shades

White

Any above Tetras—

$\frac{1}{32}$ oz. 45c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.35, $\frac{1}{4}$ oz. \$2.50.

Giant Tetra Mixed.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.80.

*MARDI GRAS F2 HYBRID SNAPS

Combines earliness with hybrid vigor, and long flower spikes in a very wide range of colors.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.15, oz. \$3.75.

GIANT MAXIMUM RUST RESISTANT VARIETIES

Crimson

Deep Rose

Pink

White

Bronze

Yellow

Velvet Giant. Velvety crimson flowers.

Any above— $\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 55c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.25.

Maximum Mixed. Well blended for colors.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

ASPARAGUS Sprengeri

ASPARAGUS Plumosus

Either 100 seeds 30c, 250 for 70c, 1000 for \$2.50.

POPULAR ASTERS

SUPER GIANT WILT RESISTANT VARIETIES

The finest Giant Asters, with immense ostrich feather flowers and long heavy non-lateral stems. 3 feet tall.

Beverly Hills. Azure blue.

Pasadena. Peach blossom.

Hollywood. Pure white.

Santa Barbara. Purple

El Monte. Crimson.

Any above— $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$4.00.

Super Giant Mixed.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.60.

EARLY GIANT WILT RESISTANT

Giants of California type flowers, blooming a month earlier than Super Giants on 1 $\frac{1}{2}$ ft. plants.

Deep Rose

Peach Blossom

Crimson

Light Blue

White

Any color— $\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 65c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.75.

Early Giant Mixed.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.20.

BALL WILT RESISTANT ASTERS

The finest long stemmed, cut flower group, normally blooming mid to late August.

Shell Pink Ball	Rose Ball	Azure Ball
White Ball	Dark Purple Ball	Phlox Ball
Ball Strains Florist's Mixture		
Any Above		

$\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.80, oz. \$6.00.

AMERICAN BRANCHING WILT RESISTANT ASTERS

Azure Blue	Crimson	Purple
Shell Pink	Rose	White

Any color— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

American Branching WR Mixed.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80, $\frac{1}{4}$ lb. \$5.40.

IMP. CREGO WILT RESISTANT ASTERS

Shell Pink	Blue Flame	Light Blue
Deep Rose	Crimson	White

Any color— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Crego W R Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

EARLY ROYAL WILT RESISTANT ASTERS

Best of the early blooming Asters. Plants 2-2½ ft.

Royal WR Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

BOUQUET TYPE. POWDER PUFF MIXTURE.

Plants upright, bearing quilled flowers on long stems. Very early and excellent for cutting or home garden.

$\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.00.

EARLY BEAUTY WR MIXED.

$\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

PRINCESS ASTERS MIXED

Flowers have crested centers, surrounded by multiple rows of guard petals. Long stemmed flowers excellent for cutting.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.60.

ALL TYPES and COLORS MIXED. Wilt resistant.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

BALSAM

Double Camellia Flowered Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.

Bush Flowered Dwarf Mixed. Lower growing type with flowers produced above the foliage.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

BELLS OF IRELAND. A popular novelty used in various arrangements either in the fresh or dried state. Easily grown in benches, pots or outdoors in the summer. About 7000 seeds per ounce.

$\frac{1}{8}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 85c, oz. \$2.75.

BROWALLIA Speciosa Major. The best variety for pots. Tr. Pkt. \$1.00.

BEGONIAS FIBROUS ROOTED

Three excellent dwarf varieties

Ball Deep Rose	Ball Red	Ball White
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Any color: Tr. Pkt. \$1.50, 1/64 oz. \$3.25.

CALENDULAS

Orange King. Deep orange with dark center.

Lemon Queen. Lemon yellow, dark center.

Gold. Golden yellow.

Pacific Beauty Mixed. Better flowers of soft unusual shades. This strain blooms well in summer heat.

Finest Double Mixed.

Any above— $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. \$1.00.

CANDYTUFT

Giant Hyacinth White. Special florists' strain.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Umbellata Mixed. $\frac{1}{4}$ oz. 25c, oz. 75c.

CARDINAL CLIMBER. Attractive finely cut foliage, bright red flowers. $\frac{1}{4}$ oz. 30c, oz. 90c.

CARNATIONS—ANNUAL

Chabaud's Double Imp. Bearing fine large double flowers on plants of vigorous upright habit about 20 inches tall. They are tender perennials grown as annuals, blooming about 5 months from early sown seed.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.20.

Marguerite Double Mixed.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.75.

DWARF BOUQUET MIXTURE CARNATIONS

Superior for gardens and borders as growth habit is compact and dwarf, 12 inches. Good color range with large blooms. A fine item for the bedding plant grower.

$\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.80, oz. \$5.40.

CELOSIAS

CRISTATA, COCKSCOMB TYPE

New Toreador. Beautiful heads of rich crimson. Plants uniformly 18 to 24 inches high. Suitable for bedding or potting.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

Cockscomb Tall Mixed. Red, rose, yellow shades.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.40.

PLUMOSA, PLUMED TYPE

Pampas Plume Mixed. Beautiful large plumes in rich colors, crimson, scarlet, copper, gold and bronze.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.40.

Golden Fleece. Golden yellow plumes.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

Forest Fire. Brilliant red plumes.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

DWARF PLUMOSA

Plants 12 inches high, excellent for pots and combinations.

Fiery Feather Red

Golden Feather Yellow

Either variety— $\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.75.

CENTAUREA CYANUS—Bachelor's Button

Blue Boy **Red Boy** **Pinkie** **Snow Man**

Any above— $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Finest Double Mixed. $\frac{1}{4}$ oz. 20c, oz. 65c, $\frac{1}{4}$ lb. \$2.00.

Dwarf Jubilee Gem. 12 inch bushy plants with double dark blue flowers.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$1.80.

CENTAUREA IMPERIALIS. Sweet Sultan Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.25.

CENTAUREA GYMNOCARPA—Dusty Miller. The tall (24 in.) fast growing type with silvery grey leaves.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

CENTAUREA CANDIDISSIMA—Dusty Miller. The lower (6 in.) slower growing type with silvery white foliage.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.75.

CHRYSANTHEMUM Annual Merry Mixture

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

CLEOME-SPIDER PLANT

Pink Queen. Large heads of luminous pink flowers.

Helen Campbell. A sport of Pink Queen with white blooms.

Either variety— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00.

COLEUS

Our customers report excellent results from our Coleus seed—good germination and brilliant coloring.

Rainbow Select Strain. Unusually bright colors, medium leaves.

$\frac{3}{32}$ oz. 75c, $\frac{1}{16}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.00, $\frac{1}{4}$ oz. \$3.50.

Rainbow Coleus in Separate Colors:

Red Shades

Cream White Edged Green

Rose Shades

Pink Rainbow

Salmon Pink (Pastel)

Velvet Red Rainbow

Candidum, yellow edged green.

Above—Tr. Pkt. \$1.00, $\frac{1}{64}$ oz. \$1.75, $\frac{1}{32}$ oz. \$3.00.

Avalon Strain. Very rich colors with the desired medium size leaves.

$\frac{3}{32}$ oz. 60c, $\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75, $\frac{1}{4}$ oz. \$3.00.

CORN, INDIAN ORNAMENTAL

Rainbow corn with variously colored kernels.

$\frac{1}{4}$ lb. 35c, lb. \$1.10.

COSMOS

Early Single Sensation Mixed. The finest strain of large singles in crimson, rose shades and white.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

DAHLIA—Dwarf for Bedding

Unwin's Dwarf Double Hybrids. Improved strain with a wide variety of colors, nearly all double and semi-double. Blooms in about 80 days from seed. Plants $1\frac{1}{2}$ to 2 ft. high.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.25, $\frac{1}{4}$ lb. \$7.00.

DIANTHUS—Annual Pinks

Gaiety Single Mixed. Large flowers with deeply fringed edges, in brilliant colors.
 $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. \$1.25.

EUPHORBIA VARIEGATA—Snow on the Mountain.
 $\frac{1}{4}$ oz. 30c, oz. 90c.

FOUR-O-CLOCK. Tall Mixed.
 $\frac{1}{4}$ oz. 15c, oz. 45c, $\frac{1}{4}$ lb. \$1.25.

ESCHSCHOLTZIA—California Poppy Mixed.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

GAILLARDIA—Annual

Gaiety or Sunshine mixed doubles.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.60.

GOMPHRENA—GLOBE AMARANTH

An everlasting with a fine display of clover-like blooms, useful in the garden as well as for winter bouquets.

Globosa Mixed. White, purple and rose.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.50.

Dwarf Buddy. Vivid purple flowers, uniform ball shaped plants about 6 in. tall, excellent for pot plants or edgings.

Dwarf Cissie. Pure white flowers.
Either above— $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.70.

GOURDS—Ornamental

Large Fruited Mixed. **Small Fruited Mixed.**
Either— $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

GYPSOPHILA—Annual Baby's Breath

Covent Garden Strain. Finest white.
 $\frac{1}{4}$ oz. 10c, oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$2.75.

HELICHRYSUM—Strawflower

MONSTROSUM. Mixed. The most popular Everlasting or Strawflower used for drying.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.40.

KOCHIA CHILDSI—Fire Bush. $\frac{1}{4}$ oz. 20c, oz. 50c.

IMPATIENS—SULTANA

One of the best bedding plants for shady locations and ideal for spring pot plants. Free blooming with attractive dark green glossy foliage.

Dwarf Mixed. 10 in bushy plants.
Tr. Pkt. 50c, $\frac{1}{64}$ oz. 11.10, $\frac{3}{32}$ oz. \$2.00, $\frac{1}{16}$ oz. \$3.75.

Dwarf Orange Baby. New, very uniform strain, plants 6 inches tall. Very bright orange scarlet bloom.
Tr. Pkt. \$1.00, $\frac{1}{64}$ oz. \$2.00, $\frac{3}{32}$ oz. \$3.75, $\frac{1}{16}$ oz. \$7.00.

LANTANA Dwarf Hybrid Mixed. 12 inches. Sow seed early with bottom heat.
 $\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$2.70.

LARKSPUR—Supreme Type

Vigorous growing type, base branching, with long spikes of large fully doubled flowers.

Dark Blue

Lilac

Pink

Rose, deep

Salmon Pink

White

Any color— $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.60, $\frac{1}{4}$ lb. \$5.00.

Supreme Imperial Finest Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

LOBELIA

Crystal Palace. Dwarf deep blue.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.75.

Rosamond. Rose with white eye.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.75.

LUPINE

Annual King Mixed. $\frac{1}{4}$ oz. 25c, oz. 90c.

THE BEST MARIGOLDS

TALL CHRYSANTHEMUM FLOWERED. With quilled incurved petals for garden display or cutting.

Glitters. Clear yellow, one of the very best. 2 ft.

Mammoth Mum. Pale yellow. 2½ ft.

Mission Giant Goldsmith. Golden orange. 1½ ft.

Mission Giant Yellowstone. Clear golden yellow. 1½ ft.

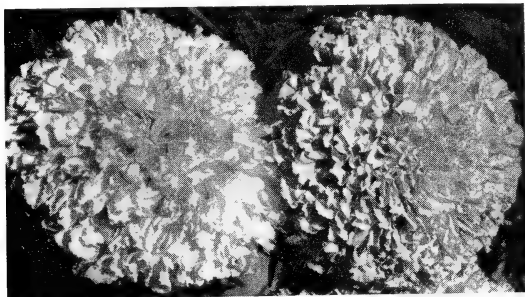
Limestone. Soft lemon yellow, 1½ ft.

Any above

$\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.20.

Chrysanthemum Flowered Hybrids. All shades and forms.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.



Marigold Crackerjack for Garden or Cutting

CARNATION FLOWERED—Gigantea

Crackerjack. Produces huge flowers similar to Sunset Giants but the plants come into blooms weeks earlier. Your customers will appreciate the 4-5 inch flowers uniformly doubled in the full Marigold color range, primrose yellow, gold and orange. Plants 3½ ft. tall.

$\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.50.

MARIGOLDS CONTINUED ON NEXT PAGE

Gigantea Sunset Giants. Large ruffled, tightly petalled flowers on 3½ ft. tall plants. All shades, orange, gold, yellow and lemon.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.60.

Fluffy Ruffles. Outstanding with immense orange, beautifully ruffled flowers on plants 20 inches tall.
⅛ oz. 30c, ¼ oz. 50c, oz. \$1.80.

Man-In-The-Moon. Pale moon yellow rounded flowers on 3-ft. plants. The "Nearest to White" Marigold.
⅛ oz. 25c, ⅛ oz. 40c, ¼ oz. 70c, oz. \$2.20.

Real Gold. Very large golden orange, 2½ ft.

Burpee Gold (Guinea Gold). Odorless strain golden yellow, 2½ ft.

Yellow Supreme. Fragrant creamy yellow, 2½ ft.
Above three—⅛ oz. 30c, ¼ oz. 50c, oz. \$1.60.

TALL DOUBLE AFRICAN-FISTULOSA

Large ball shaped flowers on 3 ft. plants. A fine cutting strain.

Lemon All-Double **Orange All-Double**
Either above—⅛ oz. 35c, ¼ oz. 65c, oz. \$2.00.

African Tall Double Mixed.
⅛ oz. 30c, ¼ oz. 55c, oz. \$1.80.

DWARF DOUBLE FRENCH MARIGOLDS

A very important group for the florist because of their usefulness in pots and combinations and the large number of flat plants sold. We believe our listing covers all the most desirable and have marked * those that are the best in our opinion.

NEW DWARF MARIGOLDS "PETITE"

All-America Bronze Medal Winners for 1958.

Excellent, the plants remaining dwarf throughout the season. Only 5 to 6 inches tall, the bushy plants have a spread of 8 to 10 inches, and are covered with blooms.

Following colors are available:

Petite Orange **Petite Gold** **Petite Yellow**
Petite Harmony, Mahogany and Gold.

Any color or Petite Mixed. ⅛ oz. 40c, ⅛ oz. 70c,
¼ oz. \$1.20, oz. \$3.60.

DWARF CUPID MARIGOLDS

A very fine group with dwarf compact plants 6-8 in. tall and odorless foliage covered with good sized guilled chrysanthemum-like flowers.

Cupid Lemon Yellow **Cupid Golden**
Cupid Orange **Cupid Mixed**

Any above—⅛ oz. 45c, ⅛ oz. 80c, ¼ oz. \$1.50, oz. \$5.00.

Butterball. Soft butter yellow. 8 inches.
⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.

***Harmony.** Orange with maroon collar. 18 inches.
⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.

Harmony Extra Dwarf. Orange and maroon. 6 inches.
⅛ oz. 30c, ¼ oz. 55c, oz. \$1.80.

Harmony Hybrids. Mixtures of Harmony type. 18 inches.
⅛ oz. 25c, ¼ oz. 45c, oz. \$1.50.



Marigold Lemondrop an Early, Profuse Bloomer

***Lemondrop.** Excellent new strain that we believe will replace Yellow Pygmy. Compact, profuse blooming, 9 inch plants.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Melody. Brilliant orange. 10 inches.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

***Rusty Red, Fandango.** Large mahogany red. 10 inches.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Scarlet Glow. Mahogany turning to orange. 10 inches.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

***Spry.** Bright yellow and mahogany. 9 inches.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Spry Hybrids Attractive color combination. 9 inches.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

Sunkist. Bright golden orange. 9 inches.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Yellow Pygmy. Lively bright yellow. 8 inches.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

Dwarf Double French Mixed. 12-15 in.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60.

***Color Magic Mixture.** Bright color combination. 10 in.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50, $\frac{1}{4}$ lb. \$4.50.

DWARF SINGLE FRENCH MARIGOLDS

These varieties average 12 inches tall except as noted.

***Flash.** Red and gold bicolor.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Dainty Marietta. Very early, soft yellow with maroon blotches. 8 to 10 inches tall.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

***Naughty Marietta.** Golden yellow with maroon blotches.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Red Head. Rich mahogany with crested orange center.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Spanish Flag Mixture. Blend of colorful varieties.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Signata Pumila, Gnome. Covered with small single orange yellow blooms. 9 inches.

$\frac{1}{8}$ oz. 20c, $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

NASTURTIUMS

Double Golden Gleam
Double Gleam Hybrids
Tall Single Mixed

Double Scarlet Gleam
Dwarf Single Mixed

Any above—oz. 35c, $\frac{1}{4}$ lb. \$1.20, lb. \$3.75.

Dwarf Double Gem Mixed.
oz. 35c, $\frac{1}{4}$ lb. \$1.20, lb. \$3.75.

NEMESIA, Dwarf Superb Mixed.
 $\frac{3}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00.

MORNING GLORIES and IPOMEAS

Being hard seeded, Ipomeas germinate better if seed coat is nicked or the seeds soaked in water for a few hours before planting.

Candy Pink. A novelty salmon-pink flowered variety with lovely 4 inch diameter flowers.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Hearts and Honey Vine. Like Cardinal Climber in size of flower and finely cut foliage. The colors are amazing orange pink with yellow centers.
 $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.25.

Blue Star. Skyblue with deeper midribs.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60.

Heavenly Blue. Most popular of all.
 $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

Moonflower. Large white, night blooming.
 $\frac{1}{4}$ oz. 20c, oz. 60c, $\frac{1}{4}$ lb. \$1.80.

Rose Marie. Deep rose doubled flowers.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

Scarlet O'Hara. The best in dark wine red.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20, $\frac{1}{4}$ lb. \$3.60.

White Magic (Pearly Gates). Fine large white.
 $\frac{1}{4}$ oz. 30c, oz. 90c, $\frac{1}{4}$ lb. \$3.00.

Imperial Morning Glory Mixed.
 $\frac{1}{4}$ oz. 25c, oz. 75c, $\frac{1}{4}$ lb. \$2.25.

NICOTIANA

Affinis White. Sweet scented.
 $\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.20.

Daylight Sensation Mixed. Lively colors, such as scarlet, crimson, rose, violet, yellow, lilac, white. Flowers remain open in light.
 $\frac{1}{8}$ oz. 45c, $\frac{1}{4}$ oz. 80c, oz. \$2.50.

NIEREMBERGIA, Purple Robe. Ideal dwarf bedding or edging plant with rich violet blue flowers.
Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$3.00.

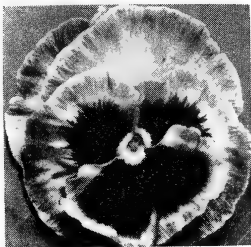
PORTULACA—Rose Moss

Single Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 70c, oz. \$2.40.

Double Mixed. High percentage fully double.
 $\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.25.

PEPPER—Ornamental

Christmas Candle Pepper. Cone shaped, upright growing fruit, creamy yellow changing to orange and red. Fruit freely produced. Pinch plants for better development.
 $\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.75.



GIANT PANSIES

Best Market Strains

**Seed of strong vitality of
the latest crop harvest.**

Pansy, Color Carnival

Color Carnival. Equal to and in some respects better than the finest Swiss originators' strains. Flower size exceedingly large, plants are compact yet vigorous. The blooms are blotched, giving depth of color and brilliancy. A magnificent color range heavy on the reds and scarlets. Originator's seed.

Tr. Pkt. \$1.00, $\frac{1}{16}$ oz. \$1.75, $\frac{1}{8}$ oz. \$3.25, $\frac{1}{4}$ oz. \$6.25, oz. \$20.00.

Superb Swiss Giants. This magnificent strain is now further improved with hybrid vigor, depth of color and heat resistance. Plants uniformly compact, blooms waved and frilled and include the rich dark as well as bright colors.

Tr. Pkt. 50c, $\frac{1}{16}$ oz. 80c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.75, oz. \$9.00, $\frac{1}{4}$ lb. \$27.00.

Amsterdam Early Giants. Excellent for the plant grower, flowering extra early. Large flowers in a full color range.

$\frac{3}{32}$ oz. 40c, $\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.75, oz. \$7.50.

Steele's Jumbo. Originator's strain. Immense blooms in an exquisite color blend.

Tr. Pkt. \$1.00, $\frac{1}{16}$ oz. \$1.90, $\frac{1}{8}$ oz. \$3.40, $\frac{1}{4}$ oz. \$6.10, oz. \$16.55.

Letherman's Exhibition Mixture. A much finer mixture than the comparatively low price would indicate. Immense brightly colored bloom.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

SEPARATE COLORS OF SWISS GIANTS.

Alpenglow. Rich garnet or mahogany red.

Pure White. Largest flowered white.

Coronation Gold. Finest clear golden yellow.

Thunersea. Rich blue with dark center.

Raspberry Rose. Soft pink with deeper rose blotches.

Any above—**Tr. Pkt. 50c, $\frac{1}{16}$ oz. 80c, $\frac{1}{8}$ oz. \$1.50, $\frac{1}{4}$ oz. \$2.75, oz. \$9.00.**

PANO-DRENCH

Controls "Damp-off"

One teaspoonful in 3 gallons of water applied to the soil in the flats 24 hours before sowing the seed, almost completely eliminates the damping off of seedlings. The 4-oz. bottle makes 72 gallons of drench, enough for 150-200 flats.

1 oz. bottle \$1.95, 4 oz. \$5.95, 16 oz. \$19.20. Postpaid.

The Finest Petunias

ALL-DOUBLE PETUNIAS—

Pan American Strains

Allegro. Bright salmon, uniformly dwarf.

Caprice. Bright rose, uniformly dwarf.

Minuet. Variegated lavender. Medium tall.

Nocturne. Deep violet purple. Medium dwarf.

Rhapsody. Burgundy wine-purple. Uniformly dwarf.

Rose and White Variegated. Very showy, medium dwarf.

Sonata. Large pure white. Medium dwarf.

Price all above — $\frac{1}{2}$ Tr. Pkt. \$2.75, Tr. Pkt. \$4.50,
1/128 oz. \$8.00, 1/64 oz. \$15.00, $\frac{1}{32}$ oz. \$28.00.

Glorious Mixed. Blended from above and other colors.
The finest American strain.

$\frac{1}{2}$ Tr. Pkt. \$2.25, Tr. Pkt. \$4.00, 1/128 oz. \$7.60,
1/64 oz. \$14.00, 1/32 oz. \$26.00.

All-Double America Improved. A smaller very free
flowering, fully double, bright rose.

Tr. Pkt. \$2.50, 1/128 oz. \$4.00, 1/64 oz. \$7.50, $\frac{1}{32}$ oz.
\$14.00.

Other Fine Double Strains

Giant Dwarf Victorious Mixed. The finest Japanese
strain, improved over the original Dwarf Victorious
in size of flowers and dwarfer growth.

$\frac{1}{2}$ Tr. Pkt. \$2.00, Tr. Pkt. (1000 seeds) \$3.50, 1/128 oz.
\$6.00, 1/64 oz. \$11.00, 1/32 oz. \$20.00.

Canadian Mixture. 100% large doubles in shades of rose
and salmon, plus mauve and white.

$\frac{1}{2}$ Tr. Pkt. \$2.25, Tr. Pkt. \$4.00, 1/128 oz. \$7.50, 1/64 oz.
\$14.00.

Colossal Shades of Rose. Shades of pink and salmon
rose. The largest All-double Petunia.

$\frac{1}{2}$ Tr. Pkt. \$2.25, Tr. Pkt. \$4.00, 1/128 oz. \$7.50.

RUFFLED CALIFORNIA GIANTS



Extra Dwarf Potting Strain
Supreme for the pot plant
grower because of extreme
earliness to bloom, having
often 3 enormous blooms all
open early to catch the buy-
er's eye. The color range is
excellent. The plants are
dwarf and compact, base
branching and reaching a
maximum height of about
8 inches.

Tr. Pkt. \$1.50, 1/64 oz. \$2.50,
 $\frac{1}{32}$ oz. \$4.50, $\frac{1}{16}$ oz. \$8.50,
 $\frac{1}{8}$ oz. \$16.00, $\frac{1}{4}$ oz. \$30.00.

Dwarf Giant Ramona Strain. Excellent standard strain
with wide color range both light and dark shades.

Tr. Pkt. \$1.25, 1/64 oz. \$2.00, $\frac{1}{32}$ oz. \$3.75, $\frac{1}{16}$ oz. \$7.00,
 $\frac{1}{8}$ oz. \$12.50, $\frac{1}{4}$ oz. \$24.00.

Ruffled Garden Giants. Best of the "Giants" type for
outdoor bloom.

Tr. Pkt. 75c, 1/64 oz. \$1.50, $\frac{1}{32}$ oz. \$2.50, $\frac{1}{16}$ oz. \$4.50,
 $\frac{1}{8}$ oz. \$8.00, $\frac{1}{4}$ oz. \$15.00.

GRANDIFLORA-FRINGED F1 HYBRIDS

Pan American Strains

Sabre Dance — New for 1959

Sabre Dance has huge ruffled, bright crimson and white flowers, mostly with White Star pattern. Its early bloom and vigorous plants of dwarf compact habit increase the saleability of Sabre Dance.

Ballerina. Soft glowing salmon, dwarf spreading plants.

Black Magic. Free flowering, deep violet purple.

Crusader. Striped rose pink or white, a lovely gay color.

Fire Dance. Brilliant, eye-catching color, salmon scarlet with yellow throat.

LaPaloma. Free flowering white, creamy throat.

Maytime. All America Bronze Medal Winner for 1958. A clear light salmon-pink. Flowers are 100% grandiflora fringed $3\frac{1}{2}$ to 4 inches across and the base branching plants blossom very freely. Maytime is a color that your customers will like very much.

Prima Donna. An outstanding bright rose-pink, free flowering. Plants are uniformly dwarf spreading.

Tango. Fine deep scarlet-salmon. Well fringed, free flowering and uniformly dwarf.

Ballet Mixture. Blending of all colors.

Prices on all above colors and mixed.

$\frac{1}{2}$ Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, $\frac{1}{128}$ oz. \$4.00,
 $\frac{1}{64}$ oz. \$7.50, $\frac{1}{32}$ oz. \$14.50, $\frac{1}{16}$ oz. \$28.00.

Other Fine Grandifloras F1 Hybrids

Blue Lustre. The rich purple blue of Elks Pride changing to a silvery mid blue. Blooms early and in greater profusion than other blue grandifloras.

Scarlet Lustre. Scarlet red with contrasting yellow throat—the brightest combination ever. Flowers are 100% ruffled grandiflora. Plants a foot high with 2 ft. spread, heavy and continuous blooming.
Either above Lustres. $\frac{1}{2}$ Tr. Pkt. \$1.75, Tr. Pkt. \$3.00,
 $\frac{1}{128}$ oz. \$5.50, $\frac{1}{64}$ oz. \$10.00, $\frac{1}{32}$ oz. \$19.00, $\frac{1}{16}$ oz. \$35.00.

White Magic. Combines earliness, heavy production of flowers and dwarf habit of growth. Large ruffled.
 $\frac{1}{2}$ Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, $\frac{1}{128}$ oz. \$4.50, $\frac{1}{64}$ oz. \$8.00, $\frac{1}{32}$ oz. \$15.00.

Pink Magic. A smooth, bright pink very attractive for bedding and ideal for dwarf pot plants.
 $\frac{1}{2}$ Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, $\frac{1}{128}$ oz. \$4.50, $\frac{1}{64}$ oz. \$8.00, $\frac{1}{32}$ oz. \$15.00.

Flirt. Clear, light pink flowers of medium size. Plants vigorous, fairly compact.

Modesty. A very attractive soft lilac and silver blue. Medium dwarf and compact plants.

Snow Lady. Pure white fringed and ruffled flowers starting to bloom early when plants are small. Excellent pot plants.

Price above three

$\frac{1}{2}$ Tr. Pkt. \$1.00, Tr. Pkt. \$1.75, $\frac{1}{128}$ oz. \$3.50, $\frac{1}{64}$ oz. \$6.50, $\frac{1}{32}$ oz. \$12.00, $\frac{1}{16}$ oz. \$20.00.

TWO EXTRA FINE MIXTURES

Carnival F2 Hybrid Mixture. Large flowers, some fringed, some ruffled in a lively mixture of colors.
Tr. Pkt. \$1.00, 1/64 oz. \$1.75, 3/32 oz. \$3.25, 1/8 oz. \$6.00, 1/4 oz. \$10.50, 1/2 oz. \$18.00.

Color Parade F1 Hybrid Mixture

An extremely well balanced mixture of named F1 Grandiflora-Hybrids. From our own observation a planting of Color Parade is just as the name implies.
\$7.00, 1/8 oz. \$13.00, 1/4 oz. \$25.00.



LARGE FLOWERED PETUNIAS

Popcorn

A new white, earlier to bloom than Snowstorm and with dwarfer plants.

Tr. Pkt. \$1.00, 1/64 oz. \$2.50, 3/32 oz. \$4.50, 1/8 oz. \$8.50, 1/4 oz. \$16.00.

Dwarf Elks Pride. A dwarfed strain of this popular deep violet variety, which runs virtually 100% true.

Royalty. Large ruffled and waved flowers of rich purple marked with white.

Snowstorm Improved. The most popular large flowered pure white. Our strain is excellent.

Fringed Snowstorm. White with faint yellow throat.

Theodosia Imp. Brilliant rose with golden yellow throat. Popular old favorite.

White Cloud. (Introducers Strain). A favorite because of its dwarf compact habit.

Prices all above except Popcorn

Tr. Pkt. 85c, 1/64 oz. \$1.75, 3/32 oz. \$3.00; 1/8 oz. \$5.50, 1/4 oz. \$10.00, 1/2 oz. \$18.00.

Other Outstanding Multiflora Hybrids

The "Satins"

The Satin group originated by Bodger are exceptionally compact mounded plants—all very free flowering throughout the season.

Red Satin. All-America Award for 1957. Vivid, shining red flowers which heat and sunshine fail to fade.

Pink Satin. Bright rose pink of satiny texture.

Peach Satin. Opening coral pink the flower unfolds to a warm salmon-pink. Like the others a compact grower.

Price above "Satins"

1/2 Tr. Pkt. \$1.25, Tr. Pkt. \$2.00, 1/128 oz. \$3.50, 1/64 oz. \$6.50, 3/32 oz. \$12.00, 1/8 oz. \$23.00, 1/4 oz. \$42.00.

Glitters. All-America Award for 1957. Brilliant scarlet with sharply contrasting pure white star. Plant growth is dwarf and compact.

1/2 Tr. Pkt. \$1.35, Tr. Pkt. \$2.50, 1/128 oz. \$4.00, 1/64 oz. \$7.50, 3/32 oz. \$14.00, 1/8 oz. \$27.00.

Brilliancy. Brilliant crimson red. Vigorous, but a straight, compact grower about 10 in. tall.

1/2 Tr. Pkt. 85c, Tr. Pkt. \$1.50, 1/64 oz. \$2.50, 3/32 oz. \$4.50, 1/8 oz. \$8.00.



Petunia Glitters—Very Bright

MULTIFLORA F1 HYBRIDS

An outstanding race of Petunias, medium large flowered, plain petalled. Free flowering, so excellent bedders. The hybrid character means virtually 100% uniformly in color and growth.

THE PAN-AMERICAN GROUP

Of this group the following are new for 1959.

* **COMET** * **MARS** * **NEPTUNE**
* **SATELLITE** and * **VENUS**

Aztec. Scarlet red with richly contrasting gold throat.

Apache. New bright rose red.

Comanche. The finest red petunia, a must for every plant grower.

Comet. Warm crimson with perfect white star. Early and free flowering.

Inca. Rich rose red with golden throat.

Linda. In our estimation the finest salmon-pink. Produces a mass of bloom uniform in color.

Mohawk. Discontinued in favor of Venus.

Mars. Large true crimson.

Neptune. Said to be the truest blue of any Petunia.

Paleface. Free blooming, pure white.

Satellite. Bright rose with white star, larger and more brilliant than Twinkles.

Sioux. Medium, salmon-pink, nearer rose-pink.

Venus. (Mohawk Imp.). Celestial rose pink, warmer shade and better blooming than Mohawk. A very popular color in Petunias—second only to the reds, such as Comanche.

Pow Wow Multiflora Mixed. All shades.

All above group— $\frac{1}{2}$ Tr. Pkt. \$1.00, Tr. Pkt. \$1.75,
 $\frac{1}{128}$ oz. \$3.00, $\frac{1}{64}$ oz. \$5.50, $\frac{1}{32}$ oz. \$10.00, $\frac{1}{16}$ oz. \$17.50,
 $\frac{1}{8}$ oz. \$30.00.

DWARF BEDDING PETUNIAS

This group is still very popular in spite of the swing to F1 Hybrid varieties. They are all very free blooming, with good compact growth, and our strains run very true to color and plant type.

* **Sky Chief.** Clear pale blue, which is to be preferred over Silver or Heavenly Blue because of more uniform coloring which stands up well in warm weather. Plants have true compact bush like habit.

$\frac{3}{32}$ oz. 40c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.00, oz. \$7.50.

Admiral. A definitely improved strain of this deep violet blue variety. Dwarf, compact plants.

Tr. Pkt. \$1.00, $\frac{3}{16}$ oz. \$2.00, $\frac{1}{16}$ oz. \$3.50, $\frac{1}{8}$ oz. \$6.50, $\frac{1}{4}$ oz. \$12.00.

Blue Bedder. A medium blue, lighter than Admiral. Good dwarf growth.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

Celestial Rose Impd. An excellent strain of this most popular rose-pink.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

Fire Chief. Brilliant red.

$\frac{3}{16}$ oz. 90c, $\frac{1}{16}$ oz. \$1.50, $\frac{1}{8}$ oz. \$2.75, $\frac{1}{4}$ oz. \$5.00.

Glow. Carmine-rose, a bright shade between the rose Celestial and the Red Fire Chief.

$\frac{3}{16}$ oz. 60c, $\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75, $\frac{1}{4}$ oz. \$3.00, oz. \$10.00.

Howard's Star Impd. Purple, starred white. Variable.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

Igloo. Very dwarf, small but free flowering white.

$\frac{3}{16}$ oz. 40c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.00, oz. \$6.50.

Lipstick. Lively carmine-rose.

$\frac{3}{16}$ oz. 60c, $\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75, $\frac{1}{4}$ oz. \$3.00.

Rosy Morn. Rose-pink, white throat.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

Snowball Improved. Our finest white bedding Petunia, good bushy plants covered with fully rounded flowers.

$\frac{3}{16}$ oz. 30c, $\frac{1}{16}$ oz. 50c, $\frac{1}{4}$ oz. 90c, $\frac{1}{8}$ oz. \$1.50, oz. \$5.00.

Topaz Queen. A bright scarlet-rose that does not fade.

$\frac{3}{16}$ oz. 40c, $\frac{1}{16}$ oz. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.00, oz. \$6.50.

Twinkles. Lively and bright rose-pink, starred white. Extra dwarf growth.

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.60, oz. \$5.50.

Velvet Ball or Dwarf Flaming Velvet. Very compact dwarf growth with rich blood red flowers.

Tr. Pkt. 50c, $\frac{3}{16}$ oz. \$1.50, $\frac{1}{16}$ oz. \$2.50, $\frac{1}{8}$ oz. \$4.50.

Finest Bedding Mixed. Well balanced color mixture.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

PHLOX DRUMMONDI—Annual

Gigantea Art Shades. Large flowered soft shades. 15 in.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60.

Grandiflora Mixed. 15 in. tall with many fine colors

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

DWARF VARIETIES

Twinkles Dwarf Star. Twinkles is well named as all the bright phlox colors are present and the flowers are lacinated and fringed. Compact, lovely little plants are uniformly 6-7 inches tall.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Cecily Florists Strain. Improved nana compacta. A master blending of all colors and extra large flowers. Excellent for pot plants. Dwarf (6 in.) compact plants.

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

Dwarf Beauty Mixture. Compact, free flowering strain about 8 inches tall, excellent for combinations or border planting.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.00.

Globe Mixed. Rounded plants of uniform height (5-6 in.) and spread. Free flowering and bright.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

RICINUS—Castor Beans Mixed. oz. 30c, $\frac{1}{4}$ lb. 90c, lb. \$3.00.

SALPIGLOSS — Emperor Finest Mixed. $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.75.

SALVIA

Domestic seed from a source that has always provided us with seed of excellent germination.

Fireball or Scarlet Pygmy. Combines extra early bloom with dwarf (10-12 in.) growth.

$\frac{1}{16}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75, $\frac{1}{4}$ oz. \$3.25, oz. \$10.00.

America or Globe of Fire. 15-18 inches tall.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.50, $\frac{1}{4}$ lb. \$14.00.

Bonfire or Clara Bedman. 18-20 inches tall.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.30, oz. \$4.50, $\frac{1}{4}$ lb. \$14.00.

***St. John's Fire.** Very early, free blooming. 10-12 in.

$\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$7.50, $\frac{1}{4}$ lb. \$23.00.

Splendens. Original scarlet sage. 30 inches tall.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50, $\frac{1}{4}$ lb. \$11.00.

Farinacea, Blue Bedder. Best blue Salvia. Lavender blue on good stems for cutting. 2½-3 ft. tall.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.00.

SCABIOSA

Giant Hybrid Mixture. A large flowered strain of all the better colors.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 45c, oz. \$1.50.

SCHIZANTHUS, Dr. Badger's strain. Large flowered in brilliant colors. Plants compact 12-15 inches.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 65c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.00.

ANNUAL SWEET WILLIAM

Midget-Wee Willie

See Illustration First Page Flowers

A distinctly new strain, ultra dwarf, 4 to 6 in. and compact in habit, making it an ideal edging plant. The single flowers are about $\frac{3}{4}$ in. in diameter, borne in clusters of 4 to 6. They are self colored, zoned and edged in combinations of crimson, ruby, rose, pink and white. The first flowers are produced early when plants are only 2 inches high. Peak bloom is reached in 7 to 8 weeks after planting.

An excellent item for plant sales.

$\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$6.00.

THUNBERGIA, Black Eyed Susan

Alata Mixed. Yellow, buff and orange flowers with black centers. A fine trailing vine for porch boxes.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

TITHONIA. Torch. Single orange-scarlet flowers on bushy plants about 4 ft. tall.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.50.

TORENIA, Fournieri Blue. A nice dwarf pot or bedding plant. Flowers deep blue with violet blotch on lip.

Tr. Pkt. 50c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25.

STOCKS FOR OUTDOOR GROWING

Early Cascade Mixed. Feel this strain is better adapted for outdoor growing than any other Stocks previously offered. Much earlier flowering than the greenhouse types, the plants are 20 inches tall with long spikes of double flowers.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

SWEET PEAS

CUTHBERTSON FLORIBUNDA STRAIN

This strain is replacing the regular Cuthbertsons as they produce more flowers per stem, and they are extremely vigorous, long stemmed and heat resistant, blooming over a longer period.

Separate Colors

Daisy , white	Lois , Rose pink
David , Bright Crimson	Nancy , Light salmon pink
Evelyn , Salmon cream-pink	Robert , Mid blue
Frank G , Lavender	Ruth , Deep rose

Any above— $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb \$3.60.

Cuthbertson Floribunda Finest Mixed. Beautiful blend.
 $\frac{1}{2}$ oz. 25c, oz. 40c, $\frac{1}{4}$ lb. \$1.20, lb. \$3.60.

Superb Spencers Mixed. Large ruffled petal flowers.
oz. 30c, $\frac{1}{4}$ lb. \$1.00, lb. \$3.20.

New Multiflora Mixed. New strain, exceptionally free flowering with 5 to 6 large flowers on a stem. Stems extra long and heavy. Bloom earlier than Cuthbertson.
 $\frac{1}{2}$ oz. 40c, oz. 75c, $\frac{1}{4}$ lb. \$2.25, lb. \$7.50.

VERBENAS

NEW MULTIFLORA—IMPROVED GRANDIFLORAS

The New Multiflora or Improved Hybrid Grandiflora group, formerly called Bush Verbenas. These are spreading plants but vastly improved as they carry blooms all over the plant, leaving no hollow spot in center.

Fireflight. Brilliant solid red, without eye.

Roselight. Rose with white eye.

Salmon Queen. Salmon with cream eye.

Snow White. Best pure white.

Starlight. Rich blue with cream eye.

Any above— $\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.20, oz. \$3.60.

***Special Formula Mixed Verbenas.** Includes the proper proportions all colors Giganteas and Multifloras.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.00, $\frac{1}{4}$ lb. \$10.00.

OTHER EXCELLENT VERBENAS

Sparkle. Dwarf compact habit and extremely free flowering. Sparkle is well named, the bright red intensified by the large white eye.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.50.

***Rainbow Dwarf Upright Mixed.** Earliest of all Verbenas, blooming in the flats, so excellent for growers' bedding plant trade. Good color mixture.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.50, $\frac{1}{4}$ lb. \$15.00.

VINCA ROSEA

Very satisfactory outdoor bedding plants, even in hot dry weather. Sow seed early with bottom heat.

Rosea Mixed. Pink, crimson, white and white with her eye. About 15 in. tall.

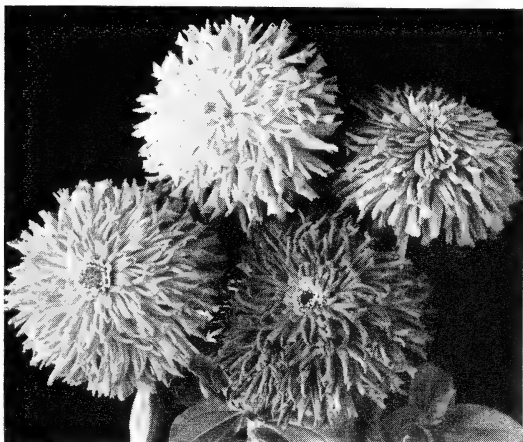
$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Coquette. A new dwarf variety (about 10 in.). Free flowering, rose pink with glossy deep green leaves.

Blooms all summer from seed started Feb. 1st.

$\frac{1}{16}$ oz. 45c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.35, oz. \$4.50.

FINEST ZINNIAS



GIANT HYBRID CACTUS VARIETIES

The most popular group of Zinnias because of the tall strong plants and the large flowers, which are beautifully formed, varying somewhat from the quilled to the broader flatter curved petals. All are graceful in formation.

Blaze. Uniformly bright scarlet-orange.

Eskimo. Creamy white, changing to pure white.

Floradale Scarlet. Scarlet-red.

Ice Cream. A very pretty shade of cream that blends beautifully with other colors. Large fully doubled with cactus type ruffled petals.

Riverside Beauty. Glowing salmon-pink.

Sunny Boy. Bright buttercup yellow.

Prices on all above:

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00, $\frac{1}{4}$ lb. \$7.00.

Giant Hybrids Mixed. An outstanding mixture of the above and other distinct shades.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50, $\frac{1}{4}$ lb. \$5.00.

Treasure Island Mixture. New strain with hybrid vigor growing about 3 ft. tall with very large fluffy informal flowers in a wide range of colors.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 65c, oz. \$2.00, $\frac{1}{4}$ lb. \$7.00.

Chrysanthemum or Super Fantasy. Curled and quilled petals in an unusual range of colors. 3 ft. tall.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

NEW ZINNIA—MISS UNIVERSE

Our California grower reports this strain the largest Zinnia he has ever seen. The flowers are deep and full formed, quite like the Dahlia Zinnias in a complete range of Zinnia colors. The plants are dwarfer, more compact and bushy than other large Zinnias, making a neater and more attractive planting.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 80c, oz. \$2.40.

ZINNIA—MERRY-GO-ROUND

Cactus and semi-cactus formed flowers of striking color combinations; for instance, scarlet with petals tipped gold, purple tipped white, scarlet edged white, and many bright shades of salmon, rose and pink tipped white. Flowers are 3-4 inches in diameter. Plants bushy, excellent for bedding. 1 to 1½ feet tall.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.00.

ORTHO-POLKA ZINNIAS

The same beautiful lively color combinations as present in Peppermint Stick, but the Ortho-Polkas are much improved and much larger, the flowers up to 4 inches in diameter with broad petals. Colors are extremely varied, two or more shades.

$\frac{1}{16}$ oz. 25c, $\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 65c, oz. \$2.00, $\frac{1}{4}$ lb. \$6.00.

DAHLIA FLOWERED ZINNIAS

Canary Bird, Yellow

Crimson Monarch.

Exquisite. Light rose.

Golden Dawn. Gold.

Golden State. Orange.

Illumination, Rose

Lavender Dream

Oriole, Orange and Gold

Polar Bear, White

Purple Prince

Eldorado, Soft, attractive salmon-apricot.

Any color— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00.

Dahlia Flowered Gold Medal Mixed. $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00, lb. \$12.00.

GIANTS OF CALIFORNIA ZINNIAS

Golden Queen.

Purity, White.

Violet Queen

Orange King

Willmott, Soft pink.

Scarlet Queen.

Any above— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00.

California Giant, Finest Mixed.

$\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00, lb. \$12.00.

LILLIPUT or POMPON ZINNIAS. 1½ ft. tall.

Black Ruby, maroon.

Canary Gem

Crimson Gem

Golden Gem

Purple Gem

Rosebud

Salmon Gem

Scarlet Gem

White Gem

Finest Mixed

Any above— $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.35, $\frac{1}{4}$ lb. \$4.00.

Cupid Mixed. Dwarfer, smaller flowered than Lilliputs.
 $\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Persian Carpet Mixed. An improved, larger flowering strain of dwarf Mexican Zinnias.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 80c, oz. \$2.40.

Peppermint Stick Mixture. Medium size Pumila type.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

PERENNIAL SEEDS

We suggest spring sowing for Perennial Seeds, whenever possible. Germination is quicker and strong in cool weather and your plants get a better start, many blooming the first summer.

ALYSSUM Saxatile Compactum. The golden yellow "Basket of Gold". 1 ft. high. Flowers freely in May.
 $\frac{1}{8}$ oz. 25c, $\frac{1}{4}$ oz. 40c, oz. \$1.20.

AQUILEGIA - COLUMBINE

Superb Long Spurred Hybrids. Exceptionally beautiful mixture of colors, all gracefully long spurred. We believe this strain is the very best.

$\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{4}$ oz. \$1.75, oz. \$5.40.

McKana's Giant Hybrids. Very showy with extra large long spurred flowers.

$\frac{3}{32}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.40.

BELLIS—Double English Daisy

Monstrosa Red Monstrosa Rose Monstrosa White
Tubulosa Etna. Deep red.

Any color— $\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00, oz. \$6.00.

Monstrosa Double Mixed.

$\frac{1}{8}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.75, oz. \$5.00.

CAMPANULA—Canterbury Bell

Calycanthemum. Cup and Saucer Mixed. Biennial.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Medium Single Mixed. Blue, rose and white. Biennial.

$\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 30c, oz. 90c.

CANDYTUFT—IBERIS

Sempervirens. White. Provides a wealth of white flowers in late May. Plants 1 ft. high.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50.

CARNATION — HARDY

Grenadin Mixed Colors. Best of the hardy or biennial Carnations for this area. Stems 18-20 inches long with good sized mostly double flowers.

$\frac{1}{8}$ oz. 45c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

COREOPSIS

Double Sunburst. Large flowered golden yellow with long stems for cutting. Grown as biennial.

$\frac{1}{8}$ oz. 20c, $\frac{1}{4}$ oz. 35c, oz. \$1.10.

DAISY—SHASTA

Alaska. Large white flowers on 2½ ft. plants. July bloom.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Double Deiners Strain. Variable double, semi-double and singles. Best double grown from seed.

$\frac{3}{32}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.75.

DIANTHUS PLUMARIUS—Hardy Pinks

Spring Beauty Semperflorens. (Scoticus). Extra double florists strain, mixed colors. Plants 1 ft. high.

$\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.50.

DIGITALIS—FOXGLOVE

Shirley Hybrids. The finest strain mixed colors. Biennial.

$\frac{1}{8}$ oz. 40c, $\frac{1}{4}$ oz. 75c, oz. \$2.50.

THE FINEST DELPHINIUMS

Our orders are always filled with the latest available crop seed and with reasonable care should get excellent germination. Delphinium seed germinates better in 50 to 60 degree temperature than higher.

Seed started in the green house in January or February, the plants set out in spring will give a good crop of flowers that summer.

PACIFIC GIANT HYBRIDS.

Unsurpassed for supreme beauty.

Black Knight. Deep violet blue, dark bee.

Blue Bird. Clear medium blue, white bee.

Galahad. Glistening white, white bee.

Guinevere. Light rosy lavender, white bee.

King Arthur. Dark violet, white bee.

Summer Skies. Clear light blue, white bee.

Any above—**Tr. Pkt.** 60c, $\frac{1}{8}$ oz. \$1.00, $\frac{1}{8}$ oz. \$1.90, $\frac{1}{4}$ oz. \$3.50, oz. \$12.00.

Astolat. Lavender, pink and rose shades.

Tr. Pkt. 75c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.25, $\frac{1}{4}$ oz. \$4.25.

Pacific Giant Hybrids Mixed.

Tr. Pkt. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{8}$ oz. \$1.60, $\frac{1}{4}$ oz. \$3.00, oz. \$10.00.

FEVERFEW—Matricaria.

Tall Double White. Fine cut flower. 2 ft. tall.

$\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.50.

Dwarf Golden Ball. Fine for borders. 8-10 inches tall.

$\frac{1}{8}$ oz. 60c, $\frac{1}{8}$ oz. \$1.10, $\frac{1}{4}$ oz. \$2.00.

GAILLARDIA GRANDIFLORA

Plants 3 ft. tall with excellent stems for cutting.

Dazzler. Golden yellow with maroon centers.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.75.

Monarch Finest Mixed.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.75.

GYPSOPHILA—Hardy Baby's Breath

Double Snow White.

$\frac{1}{8}$ oz. 45c, $\frac{1}{8}$ oz. 80c, $\frac{1}{4}$ oz. \$1.50, oz. \$4.50.

Single White.

$\frac{1}{4}$ oz. 25c, oz. 90c, $\frac{1}{4}$ lb. \$3.00.

HOLLYHOCK

Chater's Double Mixed. All shades.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.75, $\frac{1}{4}$ lb. \$5.50.

LATHYRUS, ODORATUS—Hardy Sweet Peas.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

LINUM, PERENNE, Perennial Blue Flax.

$\frac{1}{4}$ oz. 25c, oz. 75c.

LUPINE POLYPHYLLUS

Russell Strain. The finest strain of perennial Lupines in size of flowers and coloring.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

MYOSOTIS—Forget-me-not

Alpestris Victoria Dwarf Varieties. Plants 5 to 6 in., full of bloom. The best strain for basket trade.

Azure Blue

Indigo Deep Blue

Rose

White

Any above— $\frac{1}{8}$ oz. 40c, $\frac{1}{8}$ oz. 70c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.50.

Alpestris Victoria Dwarf Mixed.

$\frac{1}{8}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.10, oz. \$3.75.

LYCHNIS, Chalcedonica Scarlet—Maltese Cross.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 55c, oz. \$1.80.

PLATYCODON Grandiflora Blue. Japanese balloon flower. Plants 2 ft. tall.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 90c, $\frac{1}{4}$ oz. \$1.65, oz. \$5.00.

POPPY—Hardy sorts.

ORIENTAL SCARLET.

$\frac{1}{16}$ oz. 30c, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

ORIENTAL Salmon Pink.

$\frac{1}{16}$ oz. 35c, $\frac{1}{8}$ oz. 60c, $\frac{1}{4}$ oz. \$1.00, oz. \$3.50.

ORIENTAL Hybrids. Shades of pink and red.

$\frac{1}{16}$ oz. 30, $\frac{1}{8}$ oz. 50c, $\frac{1}{4}$ oz. 90c, oz. \$3.00.

PRIMULA POLYANTHUS

Colossea Superb Mixed. Extra fine large flowered, un-

$\frac{3}{32}$ oz. 75c, $\frac{1}{16}$ oz. \$1.25, $\frac{1}{8}$ oz. \$2.25, $\frac{1}{4}$ oz. \$4.00.

PYRETHRUM—Painted Daisy

Robinson's Giant Hybrids. Very fine colors of singles.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.40, oz. \$4.50.

Superb Double Mixed. Good colors and producing a large percentage of doubles. Flowers are better and more doubled the second year.

$\frac{1}{16}$ oz. 70c, $\frac{1}{8}$ oz. \$1.25, $\frac{1}{4}$ oz. \$2.25, oz. \$7.50.

SCABIOSA

Cauc. House Hybrids. Large flowered light to deep blue and slivery white.

$\frac{1}{16}$ oz. 50c, $\frac{1}{8}$ oz. 85c, $\frac{1}{4}$ oz. \$1.50, oz. \$5.00.

SWEET WILLIAM—Dianthus Barbatus

The following are the best of single large varieties very free flowering on plant, 2 ft. tall.

Dark Crimson

Newport Pink

Scarlet

Giant White

Any color— $\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Single Mixed. Large flowered.

$\frac{1}{8}$ oz. 30c, $\frac{1}{4}$ oz. 50c, oz. \$1.50.

Double Mixed.

$\frac{1}{8}$ oz. 35c, $\frac{1}{4}$ oz. 60c, oz. \$2.00.

Dwarf Single Alpine Mixed

The finest uniformly dwarf strain for basket sales.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.50.

ANNUAL SWEET WILLIAM — SEE PAGE 43

VIOLA CORNUTA

Fine large flowered strains from a specialist grower

Admiration. Large dark blue.

Arkwright Ruby. Rich crimson and terra cotta.

Blue Perfection. Medium clear blue.

Chantreyland. The best large flowered apricot.

Georgia Peach. Large slightly ruffled flowers in bright shades of peach.

Lutea Splendens. Bright yellow.

White Perfection. Pure white.

Above—Tr. Pkt. 35c, $\frac{1}{16}$ oz. 60c, $\frac{1}{8}$ oz. \$1.00,

$\frac{1}{4}$ oz. \$1.75, oz. \$6.00.

Large Flowered Mixed. Very fine, blended of the better varieties.

$\frac{1}{16}$ oz. 40c, $\frac{1}{8}$ oz. 75c, $\frac{1}{4}$ oz. \$1.25, oz. \$4.50.

For Crop Protection

We endeavor to keep up with the latest developments and recommendations on spray materials for vegetable, orchard and farm crops, and greenhouse crops, including hormones, seed protectants, and fumigants.

Ask for complete price list, indicating which materials you are interested in.

INSECTICIDES

Aldrin	Guthion	Rhothane
Aramite	Heptachlor	Rotenone
Arsenate Lead	Kelthane	Sevin
B H C	Lindane	Scalecide
Chlordanes	Malathion	Slugit
DDT Formulations	Metaldehyde	Spreader
Cyanogas	Methoxychlor	Systox
Diazanon	Mitox	(Demeton)
Dieldrin	Oil Sprays	Talc
Dinitro	Ovotran	Tedion
Endrin	Paradow	Tepp
E P N	Parathion	Toxaphene
Formaldehyde	Phosdrin	Volck

FUNGICIDES

Acti-dione	Dithane	Phygon-Dichlone
Bordeaux	Ferbam-Fermate	Sulfurs
Captan	Karathane	Streptomycin
(Orthocide)	Maneb-Manzate	Terrachlor
Coppers	Mercury	Thylate
Crag Fungicide	Pano-drench	Zerlate-Ziram
(Glyodin)	Parzate-Zineb	

HERBICIDES — WEED KILLERS

Selective and Complete

2-4D Formulations	Dinitro
Aero-Cyanate	Karmex—CMU
Alanap	Maleic Hyd—MH40
Amino Triazole	Randox
Ammate	Simazin
Arsenical	Sinox P. E.
Chloro-IPC	TCA Sodium Salt
Crag Herbicide 1—(SES)	Telvar
Dalapon—Dowpon	Vegadex

FERTILIZERS

Mixed Fertilizers

Sacco 4-12-4
G & F 10-6-4
Vigoro 6-10-4
Golden Vigoro 6-10-4
Rose Food
Evergreen Food
Azalea-Rhodo Food
Analysis: 12-12-12;
5-10- 5

Organics

Sheep and Cow Manures
Milorganite
Bone Meal
Blood Meal
Orgamin
Cotton Seed Meal
Soy Bean Meal

Nitrogens

Sulfate of Ammonia
Nitrate of Soda
Ammonium Nitrate
Urea 46% Nitrogen
Uramite (Urea form)

Materials

Superphosphate
Muriate of Potash

Miscellaneous

Iron Chelate (Sequestrene)
Vermiculite
Peat Moss
Lime

FERTILIZERS

Quickly Soluble Plant Foods

Nutri-leaf "60". A soluble concentrate for foliage or soil application. Analysis 20-20-20 with trace elements derived from Chelated (EDTA) Magnesium, Manganese, Iron, Copper and Zinc, Boron and Molybdenum. A wetting agent for glossy leaf surface is already added.

5 lb. bag \$1.60, case of 10-5 lb. bags \$14.00, 25 lbs. bag \$6.75, 5 or more 25 lb. bags @ \$6.50 bag. F.O.B. Canton.

VHPF Starter 6-25-15 analysis plus minor elements and hormones.

3 lb. bag 90c, case 10-3 lb. bags \$7.50, 25 lbs. @ 24c lb.

START-RITE Starter Solution. 10-52-8 analysis including trace elements. Use 3 lbs. in 50 gals. water.

3 lb. bag 80c, case of 20-3 lb. bags \$13.80, 50 lb. bag \$11.00. F.O.B. Canton.

RA-PID-GRO. 23-21-17 analysis with trace elements and vitamins.

5 lb. \$3.50, 25 lb. bag \$12.75, 4 or more @ \$12.50 ea.

SEED AND BULB PROTECTANTS

New Improved Ceresan. A highly effective dip treatment for control of bulb rot of Gladioli and other bulbs.

1 lb. \$1.75

Ceresan M. Seed treatment for small grains, peas and sugar beets.

12 oz. \$1.60, 3 lbs. \$4.45.

Semesan. For treatment of vegetable and flower seeds and bulbs. Stimulates plants, prevents "damping off."

4 oz. \$2.00, 12 oz. \$4.95.

Arasan 75. For treatment of vegetable seed, lawn seed and bulbs.

1 oz. 60c, 8 oz. \$1.60.

Semesan Bel. For seed potato treatment, controlling seed rot, scurf and scab diseases.

3 oz. \$1.25, 1 lb. \$3.30.

Tersan 75. For protection against turf diseases.

8 oz. \$1.75, 3 lbs. \$5.50.

Spargon. Seed protectant for dust treatment of Alfalfa, Clovers, Beans, Peas, Sweet Corn and bulbs.

1 oz. 40c, 5 oz. \$1.50, 1 lb. \$2.40, 5 lb. bags @ \$2.10 lb.

Phygon XL. Seed treatment for Beets, Corn, Peas, Pepper and Spinach.

2 oz. pkt. 85c, 1 lb. \$2.00.

Spargon Gladiolus Dust. 50% Chloranil, 3% DDT, to be applied to bulbs before planting or after digging in fall to control rot and thrips. For Glads, Tulips, Narcissus, Iris and Lily bulbs.

2 oz. 50c, 1 lb. \$1.75, 5 lbs. \$6.25. (Ask for price on 50-lb. drums.)

Isotox Seed Treater F. Containing 25% Lindane and 12½% Captan. Controls seed and soil-borne diseases and many soil insects. Very economical to use.

4½ oz. pkg. \$1.10, 1 lb. \$3.00.

Orthocide 75 Seed Protectant. 75% Captan to control vegetable seed rots and a leading seed potato treatment.

1 lb. \$2.60, 20-lb. drum @ \$1.65 lb.

ROOTING HORMONES

Imp. Rootone with Fungicide. Now contains the three best Hormones for rooting cuttings with the addition of indole butyric acid. The fungicide controls damping off and the other soil-borne diseases

1/4 oz. pkgs. 30c, 2 oz. jar \$1.10, 1 lb. can \$4.50.

Display ctn. of 24 1/4-oz. for resale @ \$5.04. Retails 35c.

Rootone No. 10. More than twice the regular strength and recommended for starting rooting plants such as Arbor Vitae, Cypress, Fir, Hawthorne, Jap Cedar, Oak, Pine, Rhodendron, Spruce and Yew. Especially effective on Azalea, Camellia, and Rhododendron.

2 oz. jar \$2.00, lb. can \$9.00.

Transplantone. The hormone-vitamin starter which prevents wilt and loss when transplanting. Used in the greenhouse and garden in transplanting annuals, perennials, roses and shrubs.

1/2 oz. pkt. 30c, 3 oz. can \$1.10, 1 lb. can \$3.60.

Display ctn. of 24 1/2-oz. for resale @ \$5.04. Retails 35c.

Fruitone. Use on tomatoes for earlier crop, more and bigger tomatoes. Spray blossoms once a week for first few weeks after blooming starts. Fruitone is also effective on Lima and String Beans. Makes Holly and other Christmas greens hold their leaves longer.

2/5 oz. pkt. 30c, 2 oz. can \$1.10, 12 oz. can \$4.50.

Display ctn. of 24 2/5-oz. for resale @ \$5.04. Retails 35c.

Chloromone. A natural liquid isolate from plant life extracts and is used to promote the growth of roots in cuttings or slips. Gives excellent and quick results on many hard-to-root varieties.

1 oz. jar \$1.50, 4 oz. jar \$3.00.

SLUGIT LIQUID

Controls Slugs and Snails

Contains Metalydehyde in liquid form. Easier to apply than the baits, and the slugs are killed simply by passing over the treated soils or plants. Mix 1/2 pint in 10 gallons water, which covers about 750 square feet. 1 gallon treats 11-12,000 square feet.

8 oz. (1/2 pt.) \$1.00, gal. \$12.00, 5 gal. drum \$47.50.

PANO-DRENCH

Controls "Damp-off"

One teaspoonful in 3 gallons of water applied to the soil in the flats 24 hours before sowing the seed, almost completely eliminates the damping off of seedlings. The 4-oz. bottle makes 72 gallons of drench, enough for 150-200 flats.

1 oz. bottle \$1.95, 4 oz. \$5.95, 16 oz. \$19.20, Postpaid.

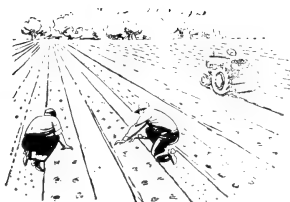
ANCHEM GIBBERELIC ACID

There is still much to be learned regarding the use of this material. We suggest its use for trial purposes only.

6 oz. Aerosol \$1.25.

1 oz. bottle, contains 15 gr. of "Gibrel" making 50 fluid ounces of 10 ppm solution, \$1.50.

4 oz. bottle, double strength for the professional grower, containing 120 MG, \$6.00. Cases of 4 4-oz. \$18.00. Price Gibrel Postpaid.



Mulch Cover

POLYETHYLENE COVERS

For use in greenhouse or outdoors with the application of soil fumigants as a barrier for moisture or vapor. Gauge is .004 mil. heavy enough for long service. These are clear plastic. Rolls are all 100 ft. long, width and prices as follows, F.O.B. Canton:

Gauge is .004 Mil., heavy enough for long service.

Width	Sq. ft.	Wt.	Price	Width	Sq. ft.	Wt.	Price
3'	300	6 lb.	\$ 4.60	16½'	1650	32 lb.	\$23.50
4'	400	8 lb.	6.00	20'	2000	38 lb.	29.00
6'	600	12 lb.	8.50	24'	2400	46 lb.	34.00
8'	800	15 lb.	11.60	28'	2800	54 lb.	40.00
10½'	1050	20 lb.	14.90	32'	3200	62 lb.	45.00
12'	1200	23 lb.	17.00	40'	4000	77 lb.	56.00

Following are lighter, .002 Mil.

Weight	Sq. ft.	Weight	Per roll
4' 2" x 200'	833	8 lbs.	\$ 7.00
8' 4" x 200'	1667	16 lbs.	13.70

5 rolls or more one or assorted sizes less 10%

POLYETHYLENE MULCHING ROLLS

Holds moisture in the soil; stops weed growth. A lighter weight gauge, .0015 Mil. Black material.

Size	Sq. ft.	Wt.	(1)	(5)	(10)	(20)
3x 100 ft.	300	2¼ lb.	\$3.66	\$3.48	\$3.31	\$3.14
3x 500 ft.	1500	11 lb.	10.18	9.67	9.19	8.73
3x1000 ft.	3000	22 lb.	16.96	16.11	15.31	14.56

VIBRA-SEEDER



Provides the really efficient way to sow seeds by hand. Handles all sizes and shapes of seed, fine or coarse, giving an even flow and an even stand of seedlings. Operates with flashlight battery.

Price \$2.25 Postpaid
(Battery not included)

INFORMATION ON SOIL FUMIGANTS

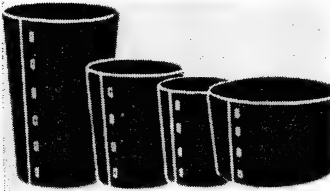
With this catalog we are sending a folder containing worthwhile information on the use of the leading Soil Fumigants. It tells what each will accomplish. You may find the use of the proper material will be very profitable in your growing operations.



PEAT POTS



VITA-BANDS



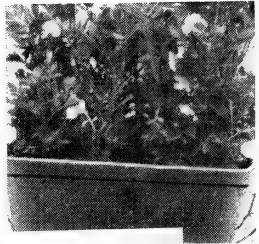
PERENNIAL POTS



**VITA-GREEN
POTS**



GRO-TAINERS



New Prices Square Peat Pots

Since catalog was printed prices on Square Peat Pots have been reduced to:

	Case of		Less Case
2 1/8 in. square	2000	@ \$ 7.50 M.,	@ \$ 8.50 M.
3 in. square	2000	@ 14.50 M.,	@ 15.50 M.

prevent
nutrient
plants,
trans-

Price M
Less Cs.

	2000	22 lbs.	\$ 1.20	\$ 8.50
3 inch Round	2000	38 lbs.	13.40	15.00
2 1/8 inch Square	2000	24 lbs.	9.75	11.00
3 inch Square	2000	42 lbs.	15.45	17.00

BIRD PERENNIAL POTS

Strong, light weight, inexpensive. Use of these pots prolong your selling season on perennials, bulbs, shrubs, roses. They come completely assembled, with solid stapled bottoms. Hard coating inside and out adds to their durability. Openings in bottom allow for drainage.

Sizes as below measured by height. All sizes packed 200 per case.

	Case of 200	Per M
Height 5", Top Diameter 8", Bottom Diameter 7"	\$13.50	\$65.00
Height 5 1/2", Top Diameter 5", Bottom Diameter 4"	10.00	47.50
Height 6 1/2", Top Diameter 6", Bottom Diameter 4 1/2"	12.30	58.50
Height 9 1/2", Top Diameter 7", Bottom Diameter 5 1/2"	14.50	69.00

3 cases or more at 1000 rate.

BIRD VITA-BANDS FOR 1959

The Nutrient-Treated Plant Bands

Contains roots to transplant stage, avoiding transplanting shock, getting earlier maturity. Bands are nutrient saturated.

Vita-Band #10 for growing periods of 8 to 10 weeks for annual vegetable and flower plants.

Vita-Band H for perennials and long term crops.

Vita-Band D, especially adapted for mechanical transplanting; disintegrates in soil when transplanted.

Size	D Band		H Band		#10 Band	
	Case Pack	Per 1000	Case Pack	Per 1000	Case Pack	Per 1000
1½x1½x2½ ..	2000	\$4.95			2000	\$4.80
1¾x1¾x2½ ..	2000	5.30	1000	\$6.25	2000	5.15
2x2x2½	2000	5.50	1000	6.60	2000	5.40
2x2x3	2000	6.20	1000	7.75	2000	5.90
2½x2½x3	2000	6.45	1000	8.30	2000	6.40
3x3x3	2000	7.25	1000	8.70	1000	7.10
4x4x3	1000	9.45	500	10.70	1000	9.20
4x4x4	1000	11.80	500	13.10	500	11.45

Above prices in case lots only. In lots of 10,000 or more, one or assorted size, deduct 20c per 1000.

RED FIBER POTS FOR SHIPPING

For shipping only. Protects root ball from breaking. Light weight.

Size	Weight per case	Number in case	Per 100	Per 1000
2 Inch	20 lbs.	2000	\$1.10	\$9.00
2¼ Inch	24 lbs.	2000	1.10	9.00
2½ Inch	32 lbs.	2000	1.15	9.10
3 Inch	44 lbs.	2000	1.20	9.60
3½ Inch	32 lbs.	1000	1.60	12.80
4 Inch	42 lbs.	1000	1.85	15.50
5 Inch	33 lbs.	500	2.35	19.00
6 Inch	47 lbs.	500	2.90	23.40

BIRD VITA-GREEN POTS

Contains Roots Up to 12 Weeks

Roots are contained for 10-12 weeks. Pot disintegrates after planting. Nutrient feeds plant. Rugged container simplifies handling of annuals, bedding plants and vegetable plants, especially for resale.

Size	Case Pack	Per 1000	Size	Case Pack	Per 1000
2¼ Inch	2000	\$7.25	3¼ Inch	1000	\$14.95
2½ Inch	2000	8.35	4 Inch	1000	17.25
3 Inch	2000	13.40			

BIRD VITA-BLACK POTS

For Growing or Shipping

Contain root growth for long periods. Nutrient treated, black in color, light weight, durable and inexpensive. Widely used for small perennials and other ornamentals. Excellent also for shipping.

Size	Weight per cs.	Case Pack	Per 1000	Size	Weight per cs.	Case Pack	Per 1000
2"	20 lbs.	1000	\$14.60	3"	43 lbs.	1000	\$17.40
2¼"	25 lbs.	1000	14.95	4"	38 lbs.	500	25.70
2½"	31 lbs.	1000	15.50	5"	60 lbs.	500	33.40

GRO-TAINERS

The modern seedling flat, designed for proper moisture control with one drainage hole under each plant.

No. 2 Size—Top dimensions: $7\frac{3}{8} \times 5\frac{1}{2} \times 2\frac{5}{8}$ in. Holds six $2 \times 2\frac{1}{2}$ Vita-Bands or six $2\frac{1}{8}$ " square Peat Pots.

No. 3 Size—Top dimensions: $8\frac{1}{2} \times 6\frac{3}{4} \times 2\frac{5}{8}$ ". Holds twelve $1\frac{3}{4} \times 2\frac{1}{2}$ Vita-Bands or twelve $2\frac{1}{8}$ " sq. Peat Pots.

No. 4 Size—Top dimensions: $9\frac{3}{8} \times 7\frac{3}{8} \times 2\frac{5}{8}$ ". Holds twelve $2 \times 2\frac{1}{2}$ Vita-Bands or twelve $2\frac{1}{8}$ " square Peat Pots.

Size	Case Pack	Case Weight	Price Case	Per 1000
No. 2	200	22 lbs.	\$ 9.60	\$44.00
No. 3	200	28 lbs.	12.40	58.00
No. 4	200	37 lbs.	14.40	68.50

All above prices F.O.B. Canton

TOM THUMB FLATS

	Case of 250	1000
Size 1 holds twelve $1\frac{3}{4} \times 2\frac{1}{2}$ " Bands	\$12.00	\$44.70
Size 2 holds twelve $2 \times 2\frac{1}{2}$ " Bands	13.40	49.60

ALUMINUM TRAYS OR PACKS

Lightweight, sturdy, with improved perforated bottom for best drainage. Grow, sell and ship in them.

	Cs. Pack	Cs. Wt.	Per 1 M	Per 10 M
No. 804	1000	34 lbs.	\$48.50	\$45.20
No. 808	1000	42 lbs.	49.80	46.40
No. 711	1000	50 lbs.	53.00	50.50

Dimensions: **804**— $4\frac{1}{4} \times 8\frac{1}{4} \times 2$ in. deep, **808**— $8\frac{1}{2} \times 4\frac{1}{2} \times 2\frac{1}{4}$ in. deep, **711**— $5\frac{1}{2} \times 7\frac{1}{2} \times 2\frac{3}{8}$ in. deep.

WOOD VENEER BANDS—STAPLED

Price per 1000

Size	F.O.B. Canton	F.O.B. Dongola, Ill.	Weight Per 1000
$2 \times 2 \times 2$	\$6.20	\$5.40	35 lbs.
$2 \times 2 \times 3$	6.70	5.80	40 lbs.
$2\frac{1}{2} \times 2\frac{1}{2} \times 3$	7.10	6.20	43 lbs.
$3 \times 3 \times 3$	7.60	6.60	62 lbs.
$4 \times 4 \times 4$	9.00	7.80	70 lbs.

Wood Veneer Bands with bottoms cost about 50% more than the above prices for bands only. Ask for definite prices on quantity and size needed.

POT LABELS

Per 1000	Plain	Painted
4 inch	3.10	3.80
5 inch	3.30	4.10
6 inch	3.60	4.50
10 inch	6.30	7.70

4 and 6 inch: 1000 per carton. 10 inch: 500 per carton.

GARDEN STAKES

	Plain		Painted	
	Per 100	Per 1000	Per 100	Per 1000
$12'' \times 1\frac{1}{8}''$	\$1.70	\$15.50	\$2.20	\$18.00

COPPER WIRED TREE LABELS

$3\frac{1}{2}'' \times 5\frac{5}{8}''$ Painted per 1000, \$4.50

UTILITY TWIST-EMS

For Vegetable and Flower Growers—Nurserymen and Florists. Prices per 1000 based on individual quantities of each length. They are packed 250 per bundle.

Length	1,000 to 4,000	5,000 to 24,000	25,000 to 99,000	100,000 or more
7-inch	\$1.50	\$1.40	\$1.30	\$1.16
8-inch	1.65	1.55	1.45	1.30
16-inch	3.10	3.00	2.90	2.60

HOT KAPS

250 with setter for	\$ 6.75
1000 Kaps	20.25
5000 Kaps	19.35 per 1000
10,000 Kaps	18.85 per 1000
Steel Setter	each 1.95

RUBBER BANDS

New Open Ring Type—Easier, quicker to handle.

Prices quoted here on small lots and of course are subject to change. Write for quotations on large lots.

All natural rubber. Sizes 8, 12, 16 and 30.

1 to 9 lbs. @ \$1.60 lb.

TY-BANDS

For holding lids on baskets.

1 to 9 lbs. @ \$1.00 lb.

CELERY RUBBER BANDS

Red or Blue for Celery or Asparagus.

Sizes 4C—1½"x1⅛" 1 to 9 lbs. @ \$1.65 lb.

CAULIFLOWER RUBBER BANDS

Size 4½"x1⅛" 1 to 9 lbs. @ \$1.15 lb.

CELERY TAPE

Red and Blue No. 13 for tying machines.

1 to 9 rolls @ \$2.10 — 10 or more rolls @ \$2.00



Our Warehouse at 1203 East Tuscarawas

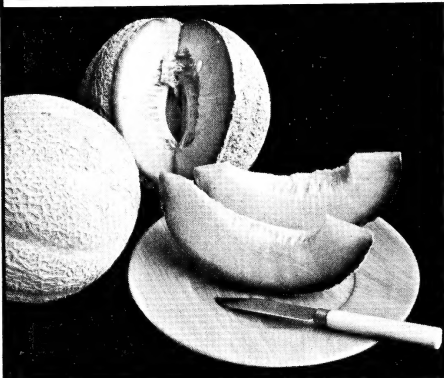
A total floor space of 23,000 sq. ft. It is on a railroad siding with a 100 ft. loading dock. Plenty of loading and parking space.

Call here for pickup of Vegetable Seed, Farm Seed, Fertilizers, Spray Materials and other bulk supplies.

Phone GL 2-4051

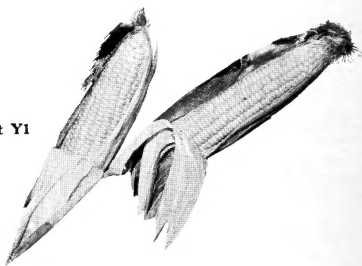
Our Mailing Address—501 McKinley Ave. N. W.

This address is our Office and Retail Store. Call here for FLOWER SEEDS. **Phone GL 2-4051.**



Iroquois

Foremost Y1



Detroit

Dark Red



LEATHERMAN

Seed Company

Wholesale Warehouse, 1203 East Tuscarawas St.
Office and Retail Store, 501 McKinley Ave. N. W.
CANTON 2, OHIO